

Supplementary table 7. Down regulated genes in AR and ACCP+ groups according Venn diagram

Gene Symbol	Genbank Accession	Gene Name	ACCP+		RA	
			Fold Change	Regulation	Fold Change	Regulation
FGF6	NM_020996	fibroblast growth factor 6	-2.7356706	down	-2.4612348	down
DCDC1	NM_181807	doublecortin domain containing 1	-10.398871	down	-5.908167	down
RSPH1	NM_080860	radial spoke head 1 homolog (Chlamydomonas)	-3.0131872	down	-2.359272	down
IZUMO2	NM_152358	IZUMO family member 2	-2.4402485	down	-2.1440845	down
Unknown			-5.4844894	down	-3.5735257	down
FAM205B	AL080137	transmembrane protein C9orf144B pseudogene	-6.756355	down	-3.9766746	down
C1orf226	NM_001085375	chromosome 1 open reading frame 226	-4.013202	down	-2.8179643	down
LINC00870		long intergenic non-protein coding RNA 870	-4.914358	down	-2.27644	down
RBMS3	NM_014483	RNA binding motif, single stranded interacting protein 3	-2.7508397	down	-2.1848514	down
SSMEM1	NM_145268	serine-rich single-pass membrane protein 1	-5.0435715	down	-2.457924	down
LOC100128402	AK124574	uncharacterized LOC100128402	-3.041526	down	-3.337858	down
IPO7	NM_006391	importin 7	-2.9247923	down	-2.0830383	down
ETV2	NM_014209	ets variant 2	-2.3904889	down	-2.1907458	down
CCKAR	NM_000730	cholecystokinin A receptor	-3.2449987	down	-2.1643167	down
SDAD1	AF132198	SDA1 domain containing 1	-3.088813	down	-2.3475528	down
KDEL3	NM_016657	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 3	-2.8405354	down	-2.1010847	down
	DR007925		-2.7181683	down	-3.0071445	down
C1S	NM_201442	complement component 1, s subcomponent	-3.7875316	down	-2.2595763	down
CYP27B1	NM_000785	cytochrome P450, family 27, subfamily B, polypeptide 1	-2.458018	down	-2.2186098	down
RIIAD1	NM_001144956	regulatory subunit of type II PKA R-subunit (RIIa) domain containing 1	-3.7718177	down	-2.486339	down
LARP6	NM_197958	La ribonucleoprotein domain family, member 6	-2.0188422	down	-3.1811519	down
GRP	NM_002091	gastrin-releasing peptide	-2.6148796	down	-2.2236316	down
GPR135	NM_022571	G protein-coupled receptor 135	-3.2988245	down	-2.2938108	down
SPATA31D3	NM_207416	SPATA31 subfamily D, member 3	-3.8351433	down	-2.0161974	down
GHRHR	NM_000823	growth hormone releasing hormone receptor	-3.2994812	down	-2.1087446	down
PGPEP1L	NM_001167902	pyroglutamyl-peptidase I-like	-2.9867265	down	-3.1144521	down
Unknown			-4.23424	down	-2.114345	down
	BX107671		-4.1807947	down	-2.2888033	down
DEFB103A	NM_001081551	defensin, beta 103A	-3.5569656	down	-2.1911187	down
PLEKHD1	NM_001161498	pleckstrin homology domain containing, family D (with coiled-coil domains) member 1	-2.2023618	down	-2.6186786	down
LCE2C	NM_178429	late cornified envelope 2C	-5.6939993	down	-2.5052247	down
TAS2R14	NM_023922	taste receptor, type 2, member 14	-4.24592	down	-2.5433955	down
MYO15B	BC128044	myosin XVb pseudogene	-3.9022787	down	-4.016065	down
ASAP3	NM_017707	ArfGAP with SH3 domain, ankyrin repeat and PH domain 3	-3.2008781	down	-2.8068252	down
LOC442028	NR_037597	uncharacterized LOC442028	-5.5398593	down	-2.8493435	down
XLOC_014512			-6.898358	down	-2.9503536	down
Unknown			-3.1783042	down	-4.625366	down
TBX6	NM_004608	T-box 6	-5.7063303	down	-6.1043735	down
HS3ST4	NM_006040	heparan sulfate (glucosamine) 3-O-sulfotransferase 4	-2.5890305	down	-2.0810814	down
NGEF	NM_019850	neuronal guanine nucleotide exchange factor	-6.0617447	down	-4.2346206	down
GTF2IRD1	NM_005685	GTF2I repeat domain containing 1	-4.403517	down	-3.1708293	down
SOST	NM_025237	sclerostin	-4.5408583	down	-3.002744	down
EHMT1-IT1	NR_024341	EHMT1 intronic transcript 1	-2.2236643	down	-2.1003883	down
KCNC1	NM_004976	potassium voltage-gated channel, Shaw-related subfamily, member 1	-3.9483259	down	-2.2664573	down
Unknown			-6.285416	down	-3.8360286	down
	X13953		-3.6568775	down	-3.1475484	down
POU3F2	NM_005604	POU class 3 homeobox 2	-3.9604735	down	-2.2795503	down
KRT79	NM_175834	keratin 79	-3.5263817	down	-2.656418	down
Unknown			-4.829571	down	-3.9486558	down
LOC145694	AK056793	uncharacterized LOC145694	-2.6336966	down	-2.4219522	down
INHBA	NM_002192	inhibin, beta A	-7.26326	down	-4.1262827	down
TERT	NM_198253	telomerase reverse transcriptase	-5.4082713	down	-3.9636452	down
CCL1	NM_002981	chemokine (C-C motif) ligand 1	-3.7698221	down	-2.4017992	down
RARRES2	NM_002889	retinoic acid receptor responder (tazarotene induced) 2	-7.238941	down	-4.8614817	down
MTPAP	XR_171057	mitochondrial poly(A) polymerase	-5.255531	down	-3.2774725	down
UGT2B11	NM_001073	UDP glucuronosyltransferase 2 family, polypeptide B11	-4.501039	down	-6.346666	down
RDM1	NM_001034836	RAD52 motif 1	-3.3240294	down	-2.9162483	down

THBS2	NM_003247	thrombospondin 2	-3.0687163 down	-2.9432383 down
WTH3DI	NM_001077637	RAB6C-like	-7.232513 down	-3.3727872 down
MUC17	NM_001040105	mucin 17, cell surface associated	-2.6185644 down	-2.5495353 down
Unknown			-3.5285816 down	-3.2851312 down
	XR_247077		-4.0376334 down	-7.0911107 down
DPCR1	NM_080870	diffuse panbronchiolitis critical region 1	-4.074805 down	-5.749843 down
	XR_246934		-4.9533257 down	-2.9334037 down
USP17L7	NM_001256869	ubiquitin specific peptidase 17-like family member 7	-2.4822962 down	-2.005743 down
SLC35G5	NM_054028	solute carrier family 35, member G5	-2.6206124 down	-3.3485498 down
LOC100996457	XR_108874	uncharacterized LOC100996457	-2.7944608 down	-2.557444 down
	AK025047		-3.5295773 down	-2.2335503 down
LOC285484	NR_037863	uncharacterized LOC285484	-4.1093225 down	-2.2150912 down
Unknown			-3.814625 down	-2.0048096 down
MYPN	NM_032578	myopalladin	-4.1722775 down	-2.060425 down
	BC031250		-3.3856745 down	-4.2014008 down
	DA144211		-3.3923743 down	-2.0575192 down
CALCR	NM_001164737	calcitonin receptor	-4.8522997 down	-3.1915514 down
KANK1	AL832454	KN motif and ankyrin repeat domains 1	-3.8645802 down	-2.398038 down
PTCH2	XM_005271301	patched 2	-5.1223755 down	-4.3255506 down
MAST4	AK299538	microtubule associated serine/threonine kinase family member 4	-7.7951584 down	-7.23512 down
RLN3	NM_080864	relaxin 3	-4.7238793 down	-2.0871866 down
ULBP3	NM_024518	UL16 binding protein 3	-4.199691 down	-2.414395 down
KDM4A-AS1	NR_033827	KDM4A antisense RNA 1	-3.6983013 down	-3.0804498 down
GABRB1	NM_000812	gamma-aminobutyric acid (GABA) A receptor, beta 1	-3.4232345 down	-2.02682 down
KRT33B	NM_002279	keratin 33B	-3.127337 down	-3.0449245 down
Unknown			-4.4404907 down	-3.190821 down
	BC136790		-5.1337814 down	-4.031147 down
FLJ25758	NR_024372	MAP/microtubule affinity-regulating kinase 1 pseudogene	-3.8291676 down	-2.172661 down
CEACAM16	NM_001039213	carcinoembryonic antigen-related cell adhesion molecule 16	-4.22323 down	-2.5336459 down
LOC100130930	AK126579	uncharacterized LOC100130930	-2.2687356 down	-2.7929077 down
GOLGA8M	NM_001282468	golgin A8 family, member M	-3.0344326 down	-3.772159 down
IQSEC3	BC024764	IQ motif and Sec7 domain 3	-5.352266 down	-2.3883328 down
	AK131313		-4.142166 down	-2.7875314 down
SCARA5	AY337579	scavenger receptor class A, member 5 (putative)	-3.6457164 down	-2.2809887 down
CATSPERD	NM_152784	catsper channel auxiliary subunit delta	-4.006151 down	-2.8033879 down
GRIK3	NM_000831	glutamate receptor, ionotropic, kainate 3	-2.6034112 down	-2.8780453 down
EMR4P	NR_024075	egf-like module containing, mucin-like, hormone receptor-like 4 pseudogene	-5.591217 down	-3.8318007 down
STON1	AK128867	stonin 1	-2.3545156 down	-2.339463 down
NAV2-AS5	NR_049725	NAV2 antisense RNA 5	-3.8621438 down	-3.5178869 down
DKK4	NM_014420	dickkopf WNT signaling pathway inhibitor 4	-5.601517 down	-2.437393 down
CSMD2	NM_052896	CUB and Sushi multiple domains 2	-3.7003953 down	-2.3411067 down
	AK128128		-4.6943436 down	-3.5356994 down
Unknown			-4.7469234 down	-2.6931462 down
Unknown			-2.5339923 down	-2.678121 down
	BC131768		-4.7090745 down	-3.5131736 down
KCTD11	NM_001002914	potassium channel tetramerization domain containing 11	-2.3383977 down	-2.2699606 down
	AF072164		-5.8852663 down	-4.9391103 down
TCHHL1	NM_001008536	trichohyalin-like 1	-4.5610495 down	-2.0612605 down
LOC728503	XM_001127575	uncharacterized LOC728503	-2.6312406 down	-4.228413 down
GATA4	NM_002052	GATA binding protein 4	-4.3179 down	-2.033399 down
	AF289593		-4.6415443 down	-3.0451298 down
LOC729159	NM_001282301	UPF0607 protein ENSP00000381418-like	-3.9189873 down	-2.8732407 down
XLOC_014512			-2.6954098 down	-2.1575031 down
OTOP1	NM_177998	otopetrin 1	-4.9926395 down	-2.1152172 down
OR2C1	NM_012368	olfactory receptor, family 2, subfamily C, member 1	-5.64337 down	-2.673744 down
Unknown			-6.2617574 down	-4.1162167 down
CDX2	NM_001265	caudal type homeobox 2	-3.307679 down	-2.2728572 down
DNM1P46	NR_003260	DNM1 pseudogene 46	-2.3741019 down	-2.2783635 down
HABP2	NM_004132	hyaluronan binding protein 2	-7.531104 down	-2.9742222 down
LOC100129393	AK124631	uncharacterized LOC100129393	-5.76749 down	-3.2786276 down

FAM106CP	NR_026810	family with sequence similarity 106, member C pseudogene	-4.9130793 down	-2.1905699 down
DNPEP	NM_012100	aspartyl aminopeptidase	-3.647235 down	-2.3839345 down
Unknown			-2.6869447 down	-2.4030042 down
LOC283728	AK095617	uncharacterized LOC283728	-6.717494 down	-3.7149692 down
TRIM36	BC017346	tripartite motif containing 36	-2.6318202 down	-5.316765 down
LOC729305		uncharacterized LOC729305	-7.486693 down	-5.7991824 down
MEDAG	NM_032849	mesenteric estrogen-dependent adipogenesis	-2.7451317 down	-2.6747673 down
NPIPB5	NM_001135865	nuclear pore complex interacting protein family, member B5	-3.6593182 down	-2.2041225 down
Unknown			-5.1192384 down	-2.0018158 down
FREM2	NM_207361	FRAS1 related extracellular matrix protein 2	-3.0345447 down	-2.993317 down
	AK124041		-3.7615404 down	-2.1995711 down
LOC389332	NR_024418	uncharacterized LOC389332	-4.722308 down	-2.1874394 down
GINS2	NM_016095	GINS complex subunit 2 (Psf2 homolog)	-5.0490203 down	-8.626691 down
Unknown			-2.1159 down	-2.7930276 down
SERPINB3	NM_006919	serpin peptidase inhibitor, clade B (ovalbumin), member 3	-4.2726974 down	-2.4826992 down
GABRQ	NM_018558	gamma-aminobutyric acid (GABA) A receptor, theta	-4.7511625 down	-2.6876967 down
RASSF4		Ras association (RalGDS/AF-6) domain family member 4	-2.621052 down	-2.224959 down
DOC2B	NM_003585	double C2-like domains, beta	-3.6279755 down	-2.4832351 down
Unknown			-2.4468224 down	-2.0665631 down
HRALS2	NM_017878	HRAS-like suppressor 2	-3.0453184 down	-2.728009 down
AKAP4	NM_003886	A kinase (PRKA) anchor protein 4	-4.6666627 down	-2.4355173 down
PRR7	AK125417	proline rich 7 (synaptic)	-7.072389 down	-4.424351 down
Unknown			-6.7537675 down	-5.382475 down
LOC642852		uncharacterized LOC642852	-5.164522 down	-3.6159494 down
PCDHB11	NM_018931	protocadherin beta 11	-3.6656606 down	-2.79214 down
C5orf64	NM_173667	chromosome 5 open reading frame 64	-4.4786873 down	-4.768939 down
NUDT8	NM_001243750	nudix (nucleoside diphosphate linked moiety X)-type motif 8	-2.9733312 down	-3.5824828 down
Unknown			-3.9522982 down	-7.947017 down
AOC4P	NR_002773	amine oxidase, copper containing 4, pseudogene	-4.6877036 down	-4.0430007 down
RNU4ATAC	DW419002	RNA, U4atac small nuclear (U12-dependent splicing)	-2.18159 down	-2.3195674 down
SLC25A51	NR_024872	solute carrier family 25, member 51	-4.5600233 down	-2.30282 down
Unknown			-3.9081805 down	-2.5478723 down
XLOC_014512			-5.7082195 down	-2.5708065 down
	Z18843		-3.573436 down	-2.689854 down
LOC729966	NR_036575	uncharacterized LOC729966	-4.5013766 down	-2.4443069 down
	BC020894		-3.053141 down	-2.4803283 down
NR2E3	NM_014249	nuclear receptor subfamily 2, group E, member 3	-3.1002529 down	-2.0687454 down
	AK125981		-2.166294 down	-2.5252504 down
ATP8B3	NM_138813	ATPase, aminophospholipid transporter, class I, type 8B, member 3	-4.734704 down	-2.2276285 down
	XR_247172		-2.9470575 down	-3.4689136 down
ZNF562	NM_017656	zinc finger protein 562	-2.8975852 down	-2.0377355 down
GGA1		golgi-associated, gamma adaptin ear containing, ARF binding protein 1	-3.1121163 down	-2.6645577 down
CYP3A4	NM_017460	cytochrome P450, family 3, subfamily A, polypeptide 4	-2.2372468 down	-2.4023285 down
LAMB1	BC044633	laminin, beta 1	-4.313568 down	-2.4714444 down
COPE	AK023303	coatomer protein complex, subunit epsilon	-3.761863 down	-2.519379 down
MLLT4	NM_001207008	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 4	-4.9150195 down	-3.0376167 down
LINC00330		long intergenic non-protein coding RNA 330	-4.0354204 down	-2.9228003 down
SERTM1	NM_203451	serine-rich and transmembrane domain containing 1	-5.026436 down	-3.9387424 down
IGFL3	NM_207393	IGF-like family member 3	-5.951504 down	-4.200748 down
C19orf55	NM_001039887	chromosome 19 open reading frame 55	-2.8610198 down	-2.3949616 down
XLOC_001500			-2.8034983 down	-2.3815846 down
BMP15	NM_005448	bone morphogenetic protein 15	-4.061518 down	-2.9643145 down
	AK024188		-3.879919 down	-2.5607195 down
SFRP1	NM_003012	secreted frizzled-related protein 1	-5.789137 down	-3.3551188 down
PCDHGB7	NM_032101	protocadherin gamma subfamily B, 7	-4.946394 down	-3.278794 down
SH2D4A	NM_022071	SH2 domain containing 4A	-4.0896015 down	-2.4754755 down
PGM5-AS1	NR_015423	PGM5 antisense RNA 1	-5.4077306 down	-2.2824948 down
LZTS2	AK097997	leucine zipper, putative tumor suppressor 2	-3.541616 down	-2.420541 down

Unknown			-3.657871 down	-3.2616613 down
Unknown			-3.0938025 down	-2.5670633 down
LOC100129316		uncharacterized LOC100129316	-4.417311 down	-2.3271677 down
Unknown			-4.039256 down	-2.8542833 down
LINC01120		long intergenic non-protein coding RNA 1120	-3.914519 down	-2.151608 down
PPP1R26	NM_014811	protein phosphatase 1, regulatory subunit 26	-4.199215 down	-2.507344 down
MICU1	XM_005269387	mitochondrial calcium uptake 1	-3.7358396 down	-2.1282022 down
	DA734158		-5.4436846 down	-3.0927353 down
NRSN2	NM_024958	neurensin 2	-2.7972322 down	-2.9623015 down
PMFBP1	NM_031293	polyamine modulated factor 1 binding protein 1	-3.627016 down	-2.312073 down
Unknown			-3.438147 down	-2.4092784 down
RBBP8NL	NM_080833	RBBP8 N-terminal like	-2.546231 down	-2.3318949 down
KIFC2	NM_145754	kinesin family member C2	-2.2041512 down	-3.0426295 down
NANOS2	NM_001029861	nanos homolog 2 (Drosophila)	-3.345633 down	-2.1999478 down
LAMC3	NM_006059	laminin, gamma 3	-5.9667172 down	-4.0606203 down
LOC145837	NR_026979	uncharacterized LOC145837	-5.6042867 down	-3.6114953 down
BARX2	NM_003658	BARX homeobox 2	-3.737969 down	-2.2483613 down
Unknown			-2.2038448 down	-2.0048492 down
LOC254057	AK024653	uncharacterized LOC254057	-3.7843974 down	-2.1027448 down
Unknown			-2.1341243 down	-3.454256 down
LOC100128333	AK127681	uncharacterized LOC100128333	-4.274669 down	-2.4480226 down
MAGEB1	NM_002363	melanoma antigen family B, 1	-2.4571786 down	-2.6537116 down
RXFP2	NM_130806	relaxin/insulin-like family peptide receptor 2	-2.9666843 down	-2.364773 down
LOC100190940	AK127723	uncharacterized LOC100190940	-3.059862 down	-2.2174277 down
XLOC_006339			-4.4362917 down	-4.6378016 down
NODAL	NM_018055	nodal growth differentiation factor	-4.4517674 down	-3.1945043 down
Unknown			-2.1858826 down	-2.900224 down
	XM_003118552		-7.4920907 down	-6.7279897 down
CYP7A1	NM_000780	cytochrome P450, family 7, subfamily A, polypeptide 1	-5.9586134 down	-2.5759485 down
Unknown			-4.04905 down	-2.8362055 down
	AK098235		-2.4968948 down	-2.2333887 down
ZNF280A	NM_080740	zinc finger protein 280A	-5.2506285 down	-2.409288 down
GSG1	NM_001080554	germ cell associated 1	-5.0986567 down	-5.013273 down
	AF090909		-4.7112746 down	-3.1378796 down
C15orf60	NM_001042367	chromosome 15 open reading frame 60	-3.8633578 down	-2.0673096 down
	CR989582		-2.9639716 down	-2.0196733 down
LOC392364	NR_040117	nuclear pore associated protein 1 pseudogene	-2.1191466 down	-2.0676107 down
IL36A	NM_014440	interleukin 36, alpha	-2.9777825 down	-2.8281875 down
LOC389834	NR_027420	ankyrin repeat domain 57 pseudogene	-2.6569471 down	-2.187541 down
AOX1	NM_001159	aldehyde oxidase 1	-3.2718687 down	-2.6017566 down
Unknown			-3.7319307 down	-2.4459352 down
KMT2E	NM_182931	lysine (K)-specific methyltransferase 2E	-2.1595058 down	-2.8510187 down
AVPR2	NM_000054	arginine vasopressin receptor 2	-4.2036986 down	-2.8083498 down
C11orf52	NM_080659	chromosome 11 open reading frame 52	-7.6105685 down	-3.7092638 down
LINC00467	NR_026761	long intergenic non-protein coding RNA 467	-4.959096 down	-3.2555642 down
Unknown			-3.117215 down	-2.092665 down
	AK024162		-8.17975 down	-5.4059706 down
SRRM3	NM_001110199	serine/arginine repetitive matrix 3	-2.890344 down	-3.6287715 down
ELK4	NM_021795	ELK4, ETS-domain protein (SRF accessory protein 1)	-2.567827 down	-2.4673357 down
GGT8P		gamma-glutamyltransferase 8 pseudogene	-3.9339473 down	-4.8570437 down
GRIA3	NM_000828	glutamate receptor, ionotropic, AMPA 3	-6.105583 down	-3.609577 down
CEBPA-AS1	NR_026887	CEBPA antisense RNA 1 (head to head)	-2.609788 down	-2.1593254 down
S100A14	NM_020672	S100 calcium binding protein A14	-6.1257925 down	-4.210981 down
RAPGEF3	U78169	Rap guanine nucleotide exchange factor (GEF) 3	-2.9180486 down	-2.2429178 down
LRP2	NM_004525	low density lipoprotein receptor-related protein 2	-8.930958 down	-10.938198 down
OR52I2	NM_001005170	olfactory receptor, family 52, subfamily I, member 2	-4.631544 down	-2.2155972 down
Unknown			-2.473258 down	-2.5089257 down
Unknown			-4.810202 down	-4.0312285 down
COL27A1	BC007696	collagen, type XXVII, alpha 1	-3.8672407 down	-2.0218265 down
THEG5	NM_001278577	testis highly expressed protein 5	-3.1596646 down	-2.3005366 down
LRPPRC	NM_133259	leucine-rich pentatricopeptide repeat containing	-2.0540526 down	-3.1235523 down
FOXQ1	NM_033260	forkhead box Q1	-4.5112844 down	-3.5405126 down

KCNA7	NM_031886	potassium voltage-gated channel, shaker-related subfamily, member 7	-4.4486423 down	-2.1563544 down
SLC24A5	NM_205850	solute carrier family 24 (sodium/potassium/calcium exchanger), member 5	-9.810018 down	-5.512019 down
LOC729159	NM_001282301	UPF0607 protein ENSP00000381418-like	-5.6948113 down	-3.6623635 down
	DR007930		-4.064507 down	-2.290563 down
			-6.077233 down	-3.9309983 down
CACNA1B		calcium channel, voltage-dependent, N type, alpha 1B subunit	-3.1216295 down	-2.0461526 down
	BC040680		-2.3249002 down	-2.9862437 down
GCNT4	NM_016591	glucosaminyl (N-acetyl) transferase 4, core 2	-4.082605 down	-2.5956194 down
Unknown			-2.9892886 down	-2.8009536 down
MDH1B	NM_001039845	malate dehydrogenase 1B, NAD (soluble)	-4.422717 down	-2.4499521 down
LINC01107		long intergenic non-protein coding RNA 1107	-2.787989 down	-2.4732323 down
KCP	NM_199349	kielin/chordin-like protein	-3.7424371 down	-2.190662 down
HCN3	NM_020897	hyperpolarization activated cyclic nucleotide-gated potassium channel 3	-2.589922 down	-2.6795626 down
	XR_241335		-6.037035 down	-3.5204198 down
Unknown			-5.662252 down	-3.6131644 down
ATP10D	NM_020453	ATPase, class V, type 10D	-2.8716946 down	-2.5520403 down
MAGEA2B	NM_153488	melanoma antigen family A, 2B	-7.9043283 down	-3.4460616 down
LINC00588	NR_026772	long intergenic non-protein coding RNA 588	-3.5732524 down	-3.3366601 down
PTK6	NM_005975	protein tyrosine kinase 6	-2.8881297 down	-4.342905 down
FAM71A	NM_153606	family with sequence similarity 71, member A	-4.6503105 down	-2.6628368 down
RASSF6	NM_177532	Ras association (RalGDS/AF-6) domain family member 6	-4.3898015 down	-3.694323 down
Unknown			-3.3953197 down	-2.6536207 down
TPD52		tumor protein D52	-2.5669 down	-2.0229888 down
ARHGAP44	NM_014859	Rho GTPase activating protein 44	-2.2771447 down	-2.3134844 down
Unknown			-3.4707677 down	-2.7637691 down
LOC400743		uncharacterized LOC400743	-4.7660003 down	-3.1892774 down
GAGE7	NM_021123	G antigen 7	-8.785406 down	-4.559126 down
Unknown			-2.0609853 down	-2.0418484 down
Unknown			-2.4924583 down	-3.1730504 down
Unknown			-3.928244 down	-6.8913774 down
LAT2	XM_005250562	linker for activation of T cells family, member 2	-3.56985 down	-3.0589664 down
Unknown			-2.1434238 down	-3.1212816 down
LOC101929998		uncharacterized LOC101929998	-2.7336268 down	-3.6147633 down
LOC647070	AK001442	uncharacterized LOC647070	-2.8765714 down	-2.4439862 down
AFF3		AF4/FMR2 family, member 3	-6.0185285 down	-2.695566 down
C1orf51	NM_144697	chromosome 1 open reading frame 51	-3.3635309 down	-2.4202318 down
CSRP2	NM_001321	cysteine and glycine-rich protein 2	-15.822509 down	-22.980167 down
MDM4	NM_001278518	Mdm4 p53 binding protein homolog (mouse)	-3.3000515 down	-3.1185024 down
	DC378344		-2.4340184 down	-2.378194 down
XLOC_014512			-3.158004 down	-4.3220015 down
	XR_245224		-4.198692 down	-3.5886817 down
OR51G1	NM_001005237	olfactory receptor, family 51, subfamily G, member 1	-2.267934 down	-2.8088446 down
GPR158-AS1	NR_027333	GPR158 antisense RNA 1	-5.1155467 down	-3.0326595 down
GOLGA6L5P		golgin A6 family-like 5, pseudogene	-5.956165 down	-4.1409206 down
MAEL	NM_032858	maelstrom spermatogenic transposon silencer	-2.0187945 down	-2.2612245 down
S100A1	NM_006271	S100 calcium binding protein A1	-3.8897114 down	-2.3622494 down
Unknown			-6.775108 down	-2.6913917 down
SOBP	NM_018013	sine oculis binding protein homolog (Drosophila)	-2.8791604 down	-2.1060286 down
SH2D6	XM_005264269	SH2 domain containing 6	-2.6459694 down	-2.6259198 down
ST8SIA1	NM_003034	ST8 alpha-N-acetyl-neuraminidase alpha-2,8-sialyltransferase 1	-4.3716426 down	-4.096914 down
RPL23AP64	NR_003040	ribosomal protein L23a pseudogene 64	-3.2202754 down	-2.6580968 down
DEPDC5	NM_001007188	DEP domain containing 5	-3.2977488 down	-2.033664 down
Unknown			-4.1415133 down	-2.4126246 down
ANKRD13B	NM_152345	ankyrin repeat domain 13B	-9.177254 down	-5.5920157 down
TEX13A	NM_031274	testis expressed 13A	-3.496359 down	-2.1771133 down
WDR87	NM_031951	WD repeat domain 87	-6.4895234 down	-6.350717 down
TPTE2P3	NR_002793	transmembrane phosphoinositide 3-phosphatase and tensin homolog 2 pseudogene 3	-4.541015 down	-2.8170989 down
Unknown			-5.0733256 down	-3.350116 down

COL5A3	NM_015719	collagen, type V, alpha 3	-2.447098 down	-2.316712 down
TULP1	NM_003322	tubby like protein 1	-3.1633475 down	-2.0884333 down
TRPC2		transient receptor potential cation channel, subfamily C, member 2, pseudoqene	-3.6966984 down	-2.4366245 down
KRTAP4-2	NM_033062	keratin associated protein 4-2	-4.4064183 down	-2.0248802 down
FTCD	NM_206965	formimidoyltransferase cyclodeaminase	-4.3600597 down	-2.5420594 down
LINC00371	NR_102432	long intergenic non-protein coding RNA 371	-3.575458 down	-2.6738272 down
GAS2L2	NM_139285	growth arrest-specific 2 like 2	-3.9202523 down	-2.6415405 down
Unknown			-2.3967628 down	-2.568622 down
NEK10	XM_005265644	NIMA-related kinase 10	-3.131731 down	-2.1835463 down
Unknown			-5.649989 down	-2.1255703 down
DUOXA1	NM_001276266	dual oxidase maturation factor 1	-2.4777508 down	-3.0396867 down
USP17L8	NM_001256872	ubiquitin specific peptidase 17-like family member 8	-2.9799976 down	-2.5991228 down
LOC100131581	AK092544	uncharacterized LOC100131581	-8.597723 down	-8.233938 down
RAX	NM_013435	retina and anterior neural fold homeobox	-4.5225215 down	-2.3905017 down
CSTL1	NM_138283	cystatin-like 1	-4.9539375 down	-2.3075707 down
HECTD2	NM_173497	HECT domain containing E3 ubiquitin protein ligase 2	-5.39886 down	-2.4544797 down
VSTM2A	NM_182546	V-set and transmembrane domain containing 2A	-4.4006214 down	-2.1677985 down
ABCD3	NM_001122674	ATP-binding cassette, sub-family D (ALD), member 3	-4.1378484 down	-2.609972 down
GPR61	NM_031936	G protein-coupled receptor 61	-4.045343 down	-2.4386528 down
LAMA5	BC015386	laminin, alpha 5	-3.6840506 down	-2.5294468 down
Unknown			-3.5418634 down	-2.0559359 down
DISC1	NM_001164550	disrupted in schizophrenia 1	-3.5727456 down	-4.0900855 down
LOC100130542	AK127083	uncharacterized LOC100130542	-3.4345715 down	-2.8147304 down
KIAA1755	NM_001029864	KIAA1755	-2.851643 down	-2.2032206 down
	AK095621		-3.589049 down	-3.285275 down
Unknown			-3.0009613 down	-2.8335786 down
Unknown			-4.9574223 down	-2.9292002 down
	XM_005276704		-3.2809958 down	-6.4335713 down
LOC284551	NR_027085	uncharacterized LOC284551	-4.7185216 down	-2.3071935 down
C6orf10	NM_006781	chromosome 6 open reading frame 10	-3.8626244 down	-2.1796014 down
			-8.049088 down	-4.9856873 down
TUBB8	NM_177987	tubulin, beta 8 class VIII	-4.7999144 down	-3.1990798 down
SLC9A3R2	NM_004785	solute carrier family 9, subfamily A (NHE3, cation proton antiporter 3), member 3 regulator 2	-2.3047967 down	-2.225512 down
MAP3K4	NM_006724	mitogen-activated protein kinase kinase kinase 4	-3.8696704 down	-2.7849026 down
FLJ45743		uncharacterized LOC642484	-2.763872 down	-2.9401739 down
TTYT13		testis-specific transcript, Y-linked 13 (non-protein coding)	-2.0200555 down	-2.388504 down
OR51I2	NM_001004754	olfactory receptor, family 51, subfamily I, member 2	-4.278258 down	-2.84366 down
CERCAM	NM_016174	cerebral endothelial cell adhesion molecule	-5.9602847 down	-7.717456 down
LOC100128374	XR_112969	uncharacterized LOC100128374	-3.172776 down	-2.3091383 down
BRINP3	NM_199051	bone morphogenetic protein/retinoic acid inducible neural-specific 3	-3.4584541 down	-4.288718 down
KLHL4	NM_057162	kelch-like family member 4	-2.0216594 down	-2.8599212 down
LOC101930210	XR_246852	protein capicua homolog	-6.283665 down	-4.3714232 down
Unknown			-2.9050434 down	-2.9069355 down
C1orf52	NM_198077	chromosome 1 open reading frame 52	-3.0224564 down	-2.9682403 down
KCNQ2	AK293727	potassium voltage-gated channel, KQT-like subfamily, member 2	-3.7738152 down	-2.6751084 down
	AB305786		-3.074929 down	-2.3179505 down
KIAA1161	NM_020702	KIAA1161	-2.604228 down	-2.6965714 down
OR9G9	NM_001013358	olfactory receptor, family 9, subfamily G, member 9	-3.4962032 down	-2.3524234 down
GDAP1L1	NM_024034	ganglioside induced differentiation associated protein 1-like 1	-3.154506 down	-2.310358 down
SCARNA5	NR_003008	small Cajal body-specific RNA 5	-5.604073 down	-3.9698277 down
KRT6A	NM_005554	keratin 6A	-2.7788346 down	-2.9003875 down
Unknown			-3.849484 down	-3.1290665 down
ZNF526	NM_133444	zinc finger protein 526	-2.2385113 down	-2.008108 down
TMEM201	NM_001130924	transmembrane protein 201	-2.0417995 down	-2.8604376 down
XAGE-4	XR_113307	XAGE-4 protein	-3.8336847 down	-2.8020458 down
Unknown			-2.930544 down	-3.4956048 down
OR4F21	NM_001005504	olfactory receptor, family 4, subfamily F, member 21	-4.8957086 down	-2.3006544 down
Unknown			-2.5361595 down	-2.1157777 down
Unknown			-2.683017 down	-2.303116 down

CYP4F24P		cytochrome P450, family 4, subfamily F, polypeptide 24, pseudogene	-2.3393188 down	-2.5150135 down
BARHL2	NM_020063	BarH-like homeobox 2	-4.315287 down	-2.1635277 down
UPB1	NM_016327	ureidopropionase, beta	-2.7191365 down	-2.5708623 down
Unknown			-5.385691 down	-2.3648338 down
GSG1	NM_031289	germ cell associated 1	-4.493778 down	-2.3850048 down
Unknown			-5.0339055 down	-3.1702468 down
CALY		calcyon neuron-specific vesicular protein	-2.7939858 down	-2.565098 down
SLC16A13	NM_201566	solute carrier family 16, member 13	-2.9460757 down	-2.192794 down
THBS3	CR933610	thrombospondin 3	-2.1435308 down	-2.482915 down
LOC389199	XR_112616	uncharacterized LOC389199	-5.6941924 down	-5.2141843 down
ASIC3	NM_020322	acid-sensing (proton-gated) ion channel 3	-2.556778 down	-2.2609878 down
LOC285768		uncharacterized LOC285768	-2.9096715 down	-2.4689662 down
GOLGA2		golgin A2	-2.0631425 down	-2.2291788 down
LOC101060085	XM_003960901	uncharacterized LOC101060085	-4.2096252 down	-2.6206617 down
	AK123308		-3.471036 down	-2.0549405 down
SORCS3	NM_014978	sortilin-related VPS10 domain containing receptor 3	-4.1438384 down	-2.2625854 down
LOC100130051	AK127296	uncharacterized LOC100130051	-3.6706736 down	-2.4956615 down
OR2T5	NM_001004697	olfactory receptor, family 2, subfamily T, member 5	-4.3583646 down	-2.1197217 down
Unknown			-5.462452 down	-2.175076 down
LOC157273		uncharacterized LOC157273	-6.6521487 down	-2.7618835 down
	AK126938		-3.9056528 down	-2.921644 down
NNMT	NM_006169	nicotinamide N-methyltransferase	-9.808606 down	-13.12961 down
Unknown			-4.1117153 down	-2.3312879 down
LINC00310		long intergenic non-protein coding RNA 310	-4.5679903 down	-2.173869 down
LPHN1	NM_001008701	latrophilin 1	-2.548114 down	-2.3900933 down
TEX38	NM_001145474	testis expressed 38	-5.2272854 down	-4.49347 down
Unknown			-3.2390456 down	-3.5526977 down
DEFB134	NM_001033019	defensin, beta 134	-4.272501 down	-2.3584015 down
RETSAT		retinol saturase (all-trans-retinol 13,14-reductase)	-4.187894 down	-2.0712445 down
C22orf34	NR_026997	chromosome 22 open reading frame 34	-2.2686067 down	-3.4166331 down
FAM163B	NM_001080515	family with sequence similarity 163, member B	-3.0009964 down	-4.526807 down
Unknown			-4.2920394 down	-2.2805216 down
DEFB107A	NM_001037668	defensin, beta 107A	-5.8547006 down	-6.540771 down
EMP2	NM_001424	epithelial membrane protein 2	-4.497152 down	-3.9792604 down
Unknown			-3.6748657 down	-2.4281075 down
KLK13	NM_015596	kallikrein-related peptidase 13	-3.5179138 down	-2.421634 down
MOG	NM_206809	myelin oligodendrocyte glycoprotein	-3.3864996 down	-2.8477802 down
Unknown			-3.1846945 down	-2.42982 down
IQCF2	NM_203424	IQ motif containing F2	-3.8578835 down	-3.2830222 down
PCDHGB1	NM_032095	protocadherin gamma subfamily B, 1	-2.5671983 down	-2.044309 down
LOC100131742	AK130172	uncharacterized LOC100131742	-2.9540162 down	-2.585999 down
Unknown			-4.821494 down	-3.7484388 down
POTEM	NM_001145442	POTE ankyrin domain family, member M	-5.870577 down	-7.468435 down
FOXA3	NM_004497	forkhead box A3	-2.276451 down	-2.5469534 down
LINC00271	NR_026805	long intergenic non-protein coding RNA 271	-3.210521 down	-2.036642 down
Unknown			-2.701382 down	-3.0407228 down
Unknown			-3.7331333 down	-2.9879882 down
MYBPC1	NM_206819	myosin binding protein C, slow type	-4.8794165 down	-2.3334785 down
FLJ45482	AK127393	uncharacterized LOC645566	-2.1131496 down	-2.0237968 down
RAD21-AS1	NR_033886	RAD21 antisense RNA 1	-4.5330076 down	-2.5131156 down
Unknown			-5.920746 down	-3.9413996 down
Unknown			-7.209718 down	-5.029593 down
FAM213A	NM_001243780	family with sequence similarity 213, member A	-2.0932353 down	-2.2744062 down
CBX1	NM_006807	chromobox homolog 1	-5.542864 down	-2.1077194 down
NT5DC4	XM_001716359	5'-nucleotidase domain containing 4	-3.0654423 down	-2.1735709 down
CCNT1	NM_001240	cyclin T1	-4.919279 down	-2.7882442 down
KLK8	NM_144505	kallikrein-related peptidase 8	-3.3221169 down	-3.1755412 down
XLOC_014512			-3.3489199 down	-2.2669382 down
Unknown			-2.9625103 down	-3.81752 down
MAGIX	XM_005278064	MAGI family member, X-linked	-4.040417 down	-3.233026 down
Unknown			-5.8650217 down	-4.2233114 down
EDA	NM_001005610	ectodysplasin A	-3.2992418 down	-2.1785462 down

NAT8	NM_003960	N-acetyltransferase 8 (GCN5-related, putative)	-2.053412 down	-2.8716145 down
PTGER4P2-CDK2AP2P2	NR_024496	PTGER4P2-CDK2AP2P2 readthrough transcribed pseudogene	-3.012088 down	-2.1895514 down
SERPINI2	NM_006217	serpin peptidase inhibitor, clade I (pancpin), member 2	-2.15828 down	-2.0928302 down
HYKK	NM_001083612	hydroxyllysine kinase	-2.6601794 down	-3.9076874 down
ZBED3-AS1	NR_024398	ZBED3 antisense RNA 1	-7.885624 down	-3.2932596 down
OR13A1	NM_001004297	olfactory receptor, family 13, subfamily A, member 1	-3.9673913 down	-2.099428 down
ADAMTS15	NM_139055	ADAM metalloproteinase with thrombospondin type 1 motif, 15	-4.1341434 down	-2.1439404 down
ZNF813	NM_001004301	zinc finger protein 813	-4.167519 down	-2.342992 down
ADARB1	NR_027673	adenosine deaminase, RNA-specific, B1	-2.712197 down	-2.1330729 down
LOC100233156	AK126241	tektin 4 pseudogene	-6.2541156 down	-3.8529954 down
	BC040680		-2.854412 down	-2.1774023 down
LINC00689		long intergenic non-protein coding RNA 689	-4.6481786 down	-2.2514052 down
PRKD1	NM_002742	protein kinase D1	-4.0513344 down	-3.865807 down
RAX2	NM_032753	retina and anterior neural fold homeobox 2	-4.2330184 down	-4.128754 down
ZNF169	NM_194320	zinc finger protein 169	-2.066752 down	-2.108995 down
A1CF	NM_138933	APOBEC1 complementation factor	-3.839784 down	-3.7475994 down
GIPC3	NM_133261	GIPC PDZ domain containing family, member 3	-5.3851786 down	-2.9935844 down
LOC642620	AK057320	uncharacterized LOC642620	-3.2882762 down	-3.0802457 down
LINC00618	NR_104113	long intergenic non-protein coding RNA 618	-2.7428224 down	-2.9055536 down
SLCO5A1	NM_030958	solute carrier organic anion transporter family, member 5A1	-4.9413896 down	-2.3006828 down
GPC1	NM_002081	glypican 1	-2.2144046 down	-2.2077737 down
HHIP1	NM_032425	HHIP-like 1	-3.4155917 down	-2.093702 down
HECTD2	NM_182765	HECT domain containing E3 ubiquitin protein ligase 2	-4.4645815 down	-4.0942264 down
Unknown			-4.001242 down	-2.8668354 down
CSHL1	NM_022579	chorionic somatomammotropin hormone-like 1	-2.5057847 down	-2.6213083 down
FAM106A	NR_026809	family with sequence similarity 106, member A	-4.532388 down	-3.5205219 down
Unknown			-2.0774088 down	-2.9638157 down
	AK127893		-7.202477 down	-4.8544517 down
VTCN1	NR_045603	V-set domain containing T cell activation inhibitor 1	-3.9781182 down	-2.031538 down
LOC100132529	NR_103851	uncharacterized LOC100132529	-3.5951004 down	-2.9600005 down
LOC100127904	BC065739	uncharacterized LOC100127904	-3.549728 down	-5.4386525 down
LINC00544		long intergenic non-protein coding RNA 544	-4.11095 down	-2.5443115 down
Unknown	XR_243769		-2.3676298 down	-2.8649302 down
LOC728903	AK093722	uncharacterized LOC728903	-2.816711 down	-2.5341508 down
ZDHHC23	AK127260	zinc finger, DHHC-type containing 23	-6.642432 down	-6.0998616 down
Unknown	XM_005263792		-3.3495297 down	-3.1391382 down
TNFRSF6B	NM_003823	tumor necrosis factor receptor superfamily, member 6b, decoy	-2.6274188 down	-3.1570582 down
Unknown			-2.2161825 down	-2.4181159 down
PRSS16	NM_005865	protease, serine, 16 (thymus)	-9.22594 down	-11.002375 down
ABCG4	NM_022169	ATP-binding cassette, sub-family G (WHITE), member 4	-4.1571283 down	-2.0086153 down
PCED1B-AS1	NR_026544	PCED1B antisense RNA 1	-3.536466 down	-2.3936365 down
OR7E5P	NR_027688	olfactory receptor, family 7, subfamily E, member 5 pseudogene	-3.319051 down	-3.4216955 down
Unknown			-4.762558 down	-3.1926172 down
Unknown			-3.5872154 down	-2.2247903 down
VSIG10L	NM_001163922	V-set and immunoglobulin domain containing 10 like	-4.7419457 down	-2.73466 down
FAM57B	NM_031478	family with sequence similarity 57, member B	-2.1994233 down	-2.1494594 down
PHYHIP	NM_014759	phytanoyl-CoA 2-hydroxylase interacting protein	-5.250907 down	-3.9368682 down
FLJ42022	AK124016	uncharacterized LOC646748	-3.167998 down	-2.330798 down
C1QTNF1-AS1	NR_040018	C1QTNF1 antisense RNA 1	-3.9835076 down	-2.4516547 down
GOLGA6L4	NM_001267536	golgin A6 family-like 4	-4.712639 down	-2.619375 down
NACAD	NM_001146334	NAC alpha domain containing	-5.321976 down	-2.9412565 down
POTED	NM_174981	POTE ankyrin domain family, member D	-6.789891 down	-3.989508 down
LOC646652	XR_241774	integral membrane glycoprotein-like	-2.1505013 down	-3.532068 down
MTSS1L	NM_138383	metastasis suppressor 1-like	-3.1351573 down	-3.9568074 down
VAC14-AS1	NR_034083	VAC14 antisense RNA 1	-2.433133 down	-2.3949747 down
LGALS14	NM_203471	lectin, galactoside-binding, soluble, 14	-4.251584 down	-2.9478471 down
KRT34	NM_021013	keratin 34	-2.625701 down	-3.3958266 down
TLE6	NM_001143986	transducin-like enhancer of split 6 (E(sp1) homolog, Drosophila)	-4.5395117 down	-3.1661563 down
Unknown			-5.394148 down	-4.0448604 down

ENGASE	NM_001042573	endo-beta-N-acetylglucosaminidase	-3.6411772 down	-3.5386775 down
Unknown			-2.8715608 down	-2.2317536 down
HSPB3	NM_006308	heat shock 27kDa protein 3	-4.4834275 down	-2.325979 down
PGM5P2		phosphoglucomutase 5 pseudogene 2	-4.1240783 down	-2.2196925 down
RIPK4	NM_020639	receptor-interacting serine-threonine kinase 4	-2.4087222 down	-2.3816807 down
MMP21	NM_147191	matrix metalloproteinase 21	-3.395997 down	-2.1670947 down
NOL3	NM_003946	nucleolar protein 3 (apoptosis repressor with CARD domain)	-2.4400847 down	-2.2851138 down
REM1	NM_014012	RAS (RAD and GEM)-like GTP-binding 1	-4.25901 down	-2.496624 down
CALHM3	NM_001129742	calcium homeostasis modulator 3	-5.316171 down	-2.9816327 down
EPS8L1	NM_133180	EPS8-like 1	-2.4781256 down	-2.1542614 down
Unknown			-2.2233758 down	-2.0284348 down
Unknown			-6.7672424 down	-3.6973152 down
ANKRD20A1P		ankyrin repeat domain 20 family, member A11, pseudogene	-3.5555363 down	-3.0089655 down
NEDD4L	NM_001144967	neural precursor cell expressed, developmentally down-regulated 4-like, E3 ubiquitin protein ligase	-3.1037552 down	-2.0620732 down
	XR_247053		-2.2172968 down	-2.6088536 down
CHRNA4	NM_000744	cholinergic receptor, nicotinic, alpha 4 (neuronal)	-4.4841604 down	-2.7507045 down
Unknown			-2.018379 down	-2.6687324 down
Unknown			-9.651339 down	-6.2553062 down
	DA571569		-2.917901 down	-2.8202133 down
AMER3	NM_152698	APC membrane recruitment protein 3	-4.2442575 down	-2.7864103 down
PGA3	NM_001079807	pepsinogen 3, group I (pepsinogen A)	-2.0987616 down	-2.4115167 down
GRHL3	NM_198174	grainyhead-like 3 (Drosophila)	-3.3199573 down	-4.2577024 down
LOC100130872	NR_024569	uncharacterized LOC100130872	-2.0307987 down	-2.1362271 down
LINC00935	NR_029448	long intergenic non-protein coding RNA 935	-3.4732542 down	-2.5803335 down
IRX4	NM_016358	iroquois homeobox 4	-2.993381 down	-2.227684 down
SETD5-AS1	BC132680	SETD5 antisense RNA 1	-4.2791686 down	-5.0659294 down
LINC00483		long intergenic non-protein coding RNA 483	-4.7961707 down	-3.1257324 down
EIF4E1B	NM_001099408	eukaryotic translation initiation factor 4E family member 1B	-5.926982 down	-3.3814898 down
Unknown			-6.7825127 down	-3.352346 down
PDE8B	NM_003719	phosphodiesterase 8B	-2.2604287 down	-5.3174696 down
NRXN3	NM_004796	neurexin 3	-4.5228877 down	-2.1737566 down
LRRC73	NM_001012974	leucine rich repeat containing 73	-3.81703 down	-2.7284353 down
OR51A2	NM_001004748	olfactory receptor, family 51, subfamily A, member 2	-2.7020066 down	-2.214204 down
SLC16A10	NM_018593	solute carrier family 16 (aromatic amino acid transporter), member 10	-3.2704742 down	-2.1475823 down
Unknown			-3.946461 down	-2.2522726 down
CT47A11	NM_173571	cancer/testis antigen family 47, member A11	-6.4026427 down	-2.2315848 down
TBX3	NM_016569	T-box 3	-6.177232 down	-3.092287 down
LOC284454	NR_036515	uncharacterized LOC284454	-3.7287028 down	-2.3870957 down
SEC61A2	NM_018144	Sec61 alpha 2 subunit (S. cerevisiae)	-2.2156138 down	-2.6974995 down
COL8A1	NM_001850	collagen, type VIII, alpha 1	-4.2171135 down	-3.1609988 down
SYN3	NM_133633	synapsin III	-3.7954516 down	-2.006292 down
SLC22A25	NM_199352	solute carrier family 22, member 25	-7.330516 down	-2.47531 down
LOC149373	NM_001256615	uncharacterized LOC149373	-4.3129115 down	-2.069769 down
Unknown			-3.4046166 down	-2.5725393 down
Unknown			-2.4059758 down	-3.1031451 down
C19orf69	NM_001130514	chromosome 19 open reading frame 69	-4.7379704 down	-2.3431609 down
NFATC2IP	NM_032815	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2 interacting protein	-3.1731696 down	-2.4465878 down
BTNL2	NM_019602	butyrophilin-like 2 (MHC class II associated)	-2.5240126 down	-2.7211523 down
HES3	NM_001024598	hes family bHLH transcription factor 3	-2.6068592 down	-2.6749797 down
UBD	NM_006398	ubiquitin D	-8.755354 down	-4.809574 down
OR7D4	NM_001005191	olfactory receptor, family 7, subfamily D, member 4	-5.6084228 down	-3.0526707 down
ENDOV	NM_173627	endonuclease V	-3.1270795 down	-3.2813058 down
Unknown			-2.1880362 down	-3.242217 down
S100B		S100 calcium binding protein B	-3.5035996 down	-2.3076413 down
TRIM46	NM_025058	tripartite motif containing 46	-3.149517 down	-3.551807 down
CACNA1C	NM_199460	calcium channel, voltage-dependent, L type, alpha 1C subunit	-5.3734813 down	-2.6821473 down
PRMT8	NM_019854	protein arginine methyltransferase 8	-2.8533008 down	-2.2988193 down
MGAT4C	NM_013244	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme C (putative)	-4.2813425 down	-2.0604637 down

RBFOX2	NM_001031695	RNA binding protein, fox-1 homolog (C. elegans) 2	-9.846267 down	-6.778945 down
TMEM37	XM_005263597	transmembrane protein 37	-2.3031223 down	-2.0115738 down
SLC22A2	NM_003058	solute carrier family 22 (organic cation transporter), member 2	-2.4066129 down	-2.0932717 down
ANKRD20A12P	NR_046228	ankyrin repeat domain 20 family, member A12, pseudogene	-5.7210774 down	-6.1331234 down
XLOC_014422			-2.561916 down	-2.7846134 down
CXorf28	NR_038428	chromosome X open reading frame 28	-2.8776813 down	-2.0084805 down
Unknown			-5.006759 down	-2.9862378 down
LOC100129775	AK094853	uncharacterized LOC100129775	-3.4907112 down	-3.8658996 down
MGC4859		uncharacterized LOC79150	-3.601921 down	-2.8889797 down
SENP1	NM_001267595	SUMO1/sentrin specific peptidase 1	-2.0336473 down	-2.44317 down
CRB2	NM_173689	crumbs homolog 2 (Drosophila)	-3.942032 down	-3.0469072 down
BPIFA3	NM_178466	BPI fold containing family A, member 3	-3.0791116 down	-2.1466963 down
SCN5A	NM_001099404	sodium channel, voltage-gated, type V, alpha subunit	-3.0009327 down	-2.1593676 down
LOC283856		uncharacterized LOC283856	-4.671689 down	-3.9197576 down
PARVB	AK309987	parvin, beta	-3.1674705 down	-2.1484697 down
	AK130794		-4.6924896 down	-2.8214889 down
Unknown			-2.339011 down	-2.4623194 down
KCNJ6	NM_002240	potassium inwardly-rectifying channel, subfamily J, member 6	-3.730596 down	-2.2140284 down
FPGT-TNNI3K	BX640903	FPGT-TNNI3K readthrough	-2.702092 down	-3.0323894 down
AK7	NM_152327	adenylate kinase 7	-2.9305077 down	-2.3729737 down
	AK097143		-3.3003173 down	-2.0021162 down
LOC202181	NR_026921	SUMO-interacting motifs containing 1 pseudogene	-5.4216523 down	-6.883093 down
Unknown			-6.3917685 down	-4.0024467 down
ADAMTSL1	NM_052866	ADAMTS-like 1	-3.6237416 down	-2.2870672 down
VWA5B1	AK125833	von Willebrand factor A domain containing 5B1	-5.025445 down	-4.0214868 down
HAS3	NM_138612	hyaluronan synthase 3	-4.259085 down	-2.525828 down
SNX30	NM_001012994	sorting nexin family member 30	-2.8072846 down	-2.224706 down
Unknown			-2.3061244 down	-3.3599677 down
NKPD1	NM_198478	NTPase, KAP family P-loop domain containing 1	-3.886222 down	-4.0329967 down
P4HA3	NM_182904	prolyl 4-hydroxylase, alpha polypeptide III	-2.8523128 down	-2.103879 down
SLC26A9	NM_052934	solute carrier family 26 (anion exchanger), member 9	-3.2993114 down	-2.0560274 down
DEFB128	NM_001037732	defensin, beta 128	-2.5016863 down	-2.638117 down
SPTSSB	XM_005247164	serine palmitoyltransferase, small subunit B	-5.6634626 down	-2.507794 down
Unknown			-3.7881436 down	-4.0071855 down
	BF106382		-3.0622535 down	-2.3401406 down
TPSD1	NM_012217	tryptase delta 1	-3.3138595 down	-2.5900114 down
ETV3	NM_001145312	ets variant 3	-4.211457 down	-2.7701516 down
LOC101928058	XM_005276314	myosin IC heavy chain-like	-2.5324035 down	-2.776681 down
ZNF774	NM_001004309	zinc finger protein 774	-3.901621 down	-2.1446857 down
METTTL21A	NM_001127395	methyltransferase like 21A	-5.2700067 down	-3.6845732 down
	AK123993		-3.710725 down	-2.828009 down
DGCR9		DiGeorge syndrome critical region gene 9	-4.6057434 down	-2.7433918 down
MUC5B	NM_002458	mucin 5B, oligomeric mucus/gel-forming	-10.756107 down	-6.858593 down
HERC2P4		hect domain and RLD 2 pseudogene 4	-6.269283 down	-3.6758735 down
LINC00969	XR_110395	long intergenic non-protein coding RNA 969	-2.264478 down	-2.7566223 down
PRAMEF2	NM_023014	PRAME family member 2	-4.333282 down	-2.755429 down
GCLM	NM_002061	glutamate-cysteine ligase, modifier subunit	-2.7818973 down	-2.3291495 down
Unknown			-7.0010934 down	-5.762676 down
SLC35A4	AF445025	solute carrier family 35, member A4	-3.9913979 down	-2.3749065 down
TBCD	AL096745	tubulin folding cofactor D	-2.2289119 down	-3.2921207 down
	AK000470		-2.7995682 down	-2.1033428 down
Unknown			-3.496711 down	-2.5059135 down
RAB7B	NM_177403	RAB7B, member RAS oncogene family	-2.3200176 down	-2.7598479 down
Unknown			-2.8396058 down	-2.2084846 down
XRCC2	NM_005431	X-ray repair complementing defective repair in Chinese hamster cells 2	-4.578571 down	-3.9412048 down
SP6	NM_001258248	Sp6 transcription factor	-4.552489 down	-2.0697722 down
ALX1	NM_006982	ALX homeobox 1	-4.8283577 down	-2.365797 down
C10orf71	NM_001135196	chromosome 10 open reading frame 71	-4.1339903 down	-2.0601904 down
EMC1		ER membrane protein complex subunit 1	-3.1584673 down	-4.023962 down
GGT6	NM_153338	gamma-glutamyltransferase 6	-10.755072 down	-5.5791426 down

NSAP11	AY176665	nervous system abundant protein 11	-4.7356954 down	-2.004151 down
MASP2	NM_006610	mannan-binding lectin serine peptidase 2	-3.6281624 down	-3.7483637 down
	BX108667		-3.3677077 down	-2.2276397 down
KIAA0087	NR_022006	KIAA0087	-4.918724 down	-2.3426142 down
LOC283693	NR_036446	actin, alpha 2, smooth muscle, aorta pseudogene	-2.600257 down	-2.2174149 down
Unknown			-5.801206 down	-3.9314988 down
TTC7A	NM_020458	tetratricopeptide repeat domain 7A	-2.2556286 down	-2.294366 down
Unknown			-5.349309 down	-2.5119946 down
BGN	NM_001711	biglycan	-7.392654 down	-5.2434115 down
PADI3	NM_016233	peptidyl arginine deiminase, type III	-4.1503663 down	-2.3341827 down
C16orf95	AK125749	chromosome 16 open reading frame 95	-4.60003 down	-2.8895736 down
SIGLEC6	NM_001245	sialic acid binding Ig-like lectin 6	-3.5347624 down	-5.1416054 down
FAM92A1P2	NR_003612	family with sequence similarity 92, member A3	-3.867607 down	-5.862625 down
Unknown			-5.5634627 down	-3.0058002 down
LINC00277	NR_026949	long intergenic non-protein coding RNA 277	-4.986363 down	-2.0005004 down
CACNA1G	NM_018896	calcium channel, voltage-dependent, T type, alpha 1G subunit	-3.597668 down	-2.7417939 down
C1orf21	NM_030806	chromosome 1 open reading frame 21	-2.2527265 down	-3.111706 down
	AF116661		-4.683552 down	-2.8661096 down
KIAA1161	NM_020702	KIAA1161	-2.454754 down	-2.7705297 down
Unknown			-3.0757117 down	-2.3838866 down
Unknown			-3.3601573 down	-2.8170528 down
C1QL2	NM_182528	complement component 1, q subcomponent-like 2	-4.7173605 down	-4.247638 down
LOC100996379	XR_248076	uncharacterized LOC100996379	-2.7734199 down	-2.542685 down
Unknown			-5.515265 down	-3.347469 down
Unknown			-2.7698796 down	-2.7305565 down
ILDR1	NM_175924	immunoglobulin-like domain containing receptor 1	-3.5082798 down	-2.6286054 down
GAFA1	AF190748	FGF2-associated protein GAFA1	-3.319671 down	-2.0848186 down
LOC100499221	AK127052	uncharacterized LOC100499221	-5.324082 down	-4.90141 down
HERC2	NM_004667	HECT and RLD domain containing E3 ubiquitin protein ligase 2	-2.75267 down	-2.2911088 down
VHL	NM_000551	von Hippel-Lindau tumor suppressor, E3 ubiquitin protein ligase	-4.829094 down	-3.0923693 down
GRIA1	NM_000827	glutamate receptor, ionotropic, AMPA 1	-4.5990267 down	-2.0847723 down
Unknown			-4.894907 down	-2.5602794 down
RGL1	NM_015149	ral guanine nucleotide dissociation stimulator-like 1	-6.9861145 down	-5.1065435 down
MPV17L	NM_173803	MPV17 mitochondrial membrane protein-like	-4.1107717 down	-3.6402934 down
	BC014063		-4.8932796 down	-3.6603844 down
NRIP3	NM_020645	nuclear receptor interacting protein 3	-3.287184 down	-2.0406232 down
Unknown			-3.3846116 down	-2.2177672 down
Unknown			-4.2624636 down	-3.3741927 down
LOC100996465	XM_003846784	putative lung carcinoma-associated protein 10-like	-4.5345583 down	-2.4019191 down
NTF3	NM_002527	neurotrophin 3	-4.462657 down	-2.3882217 down
OR10A6	NM_001004461	olfactory receptor, family 10, subfamily A, member 6	-5.114049 down	-3.0233197 down
LOC284219	AK094436	uncharacterized LOC284219	-10.057078 down	-6.937428 down
CCDC9	NM_015603	coiled-coil domain containing 9	-2.0740407 down	-2.431223 down
OR4N4	NM_001005241	olfactory receptor, family 4, subfamily N, member 4	-6.6908693 down	-4.0046897 down
DNM1P46	NR_003260	DNM1 pseudogene 46	-4.1590767 down	-2.9753864 down
PDCL2	NM_152401	phosducin-like 2	-2.151772 down	-2.1179345 down
KIAA1751	NM_001080484	KIAA1751	-3.5649388 down	-2.0209827 down
XLOC_014512			-2.6693015 down	-5.814292 down
E2F7	NM_203394	E2F transcription factor 7	-3.502249 down	-2.8482833 down
FAM181B	NM_175885	family with sequence similarity 181, member B	-2.8712947 down	-2.804772 down
AZFP	AY371499	AML-associated zinc finger protein	-4.4405746 down	-2.305171 down
MDH1B	NR_104261	malate dehydrogenase 1B, NAD (soluble)	-3.5608828 down	-4.026212 down
PGAM5	NM_138575	phosphoglycerate mutase family member 5	-2.3490632 down	-2.82386 down
XLOC_014512			-8.03557 down	-4.8995767 down
LOC729609		uncharacterized LOC729609	-3.7811809 down	-2.7213964 down
DHRS4-AS1	NR_023921	DHRS4 antisense RNA 1	-3.5561388 down	-3.4821274 down
GNG12	NM_018841	guanine nucleotide binding protein (G protein), gamma 12	-3.0714355 down	-2.5622551 down
FAM86B3P		family with sequence similarity 86, member A pseudogene	-3.6985886 down	-3.8406982 down
ERVW-1	NM_014590	endogenous retrovirus group W, member 1	-5.1962247 down	-4.2838273 down
FAM201B	XR_158980	family with sequence similarity 201, member B	-4.2108583 down	-4.605173 down

Unknown			-6.3695407 down	-5.1520066 down
Unknown			-4.2780185 down	-3.4537048 down
ARHGAP42	NM_152432	Rho GTPase activating protein 42	-3.8138444 down	-2.7685244 down
LINC01101	NR_027181	long intergenic non-protein coding RNA 1101	-2.2022698 down	-2.1107287 down
C8orf74	NM_001040032	chromosome 8 open reading frame 74	-7.1475515 down	-3.8976905 down
LOC100507547	NR_037169	uncharacterized LOC100507547	-2.9369998 down	-3.1023297 down
CPLX2	NM_006650	complexin 2	-5.9213643 down	-3.2364979 down
PRODH2	NM_021232	proline dehydrogenase (oxidase) 2	-5.200948 down	-2.0751872 down
CD86	NM_006889	CD86 molecule	-5.824963 down	-6.0708394 down
SCGB1B2P		secretoglobin, family 1B, member 2, pseudogene	-3.4354215 down	-2.312933 down
TBX4	NM_018488	T-box 4	-3.6303208 down	-2.0030367 down
FAM19A4	NM_182522	family with sequence similarity 19 (chemokine (C-C motif)-like), member A4	-4.174579 down	-2.1570458 down
POU4F3	NM_002700	POU class 4 homeobox 3	-3.7735963 down	-2.1781178 down
	BC007749		-6.975558 down	-4.605416 down
	XM_005249927		-3.7251582 down	-4.0899434 down
AMZ1	NM_133463	archaelysin family metalloproteinase 1	-3.3645036 down	-3.0072765 down
PWAR4	NR_022010	Prader Willi/Angelman region RNA 4	-9.453847 down	-7.4043956 down
ALDH1L2	NM_001034173	aldehyde dehydrogenase 1 family, member L2	-2.764571 down	-2.5476327 down
Unknown			-9.498351 down	-21.25616 down
ADAMTS4	BC030812	ADAM metalloproteinase with thrombospondin type 1 motif, 4	-4.3887296 down	-2.774159 down
VPS18	NM_020857	vacuolar protein sorting 18 homolog (S. cerevisiae)	-2.131899 down	-2.7445157 down
GRIA4	NM_001077243	glutamate receptor, ionotropic, AMPA 4	-2.7662363 down	-2.414727 down
FER1L5	NM_001113382	fer-1-like 5 (C. elegans)	-2.756342 down	-2.0715592 down
ZNF852	XM_001717544	zinc finger protein 852	-2.3718178 down	-2.7356296 down
RND1	NM_014470	Rho family GTPase 1	-3.1681838 down	-2.352077 down
TCEB3B	NM_016427	transcription elongation factor B polypeptide 3B (elongin A2)	-5.5670867 down	-3.5261405 down
C7orf10	NM_024728	chromosome 7 open reading frame 10	-3.4909778 down	-2.821668 down
PROSER2	NM_153256	proline and serine-rich protein 2	-2.7859175 down	-2.5315373 down
Unknown			-4.8965826 down	-3.031054 down
BNIP3L	AF370457	BCL2/adenovirus E1B 19kDa interacting protein 3-like	-3.117538 down	-2.8183804 down
FAM222A-AS1	NR_026661	FAM222A antisense RNA 1	-3.2355976 down	-2.1342783 down
	AK122833		-4.0080695 down	-2.378262 down
MCC	NM_001085377	mutated in colorectal cancers	-6.3913565 down	-2.6274388 down
C12orf80	NM_001242696	chromosome 12 open reading frame 80	-2.9636812 down	-2.4312103 down
IFFO1	NR_036467	intermediate filament family orphan 1	-3.801478 down	-2.5381324 down
Unknown			-6.240865 down	-2.6310046 down
	BX537909		-2.7614732 down	-2.0076368 down
KCNB2	NM_004770	potassium voltage-gated channel, Shab-related subfamily, member 2	-5.579362 down	-2.4696224 down
BMPER	NM_133468	BMP binding endothelial regulator	-4.3178067 down	-2.4310462 down
Unknown			-3.7011566 down	-3.5182805 down
LOC400553	XR_111612	uncharacterized LOC400553	-5.2414927 down	-5.910486 down
NUTM2F	NM_017561	NUT family member 2F	-3.4455528 down	-2.226387 down
			-2.7774398 down	-2.2071064 down
DNMT3A	NM_175629	DNA (cytosine-5-)-methyltransferase 3 alpha	-2.0813985 down	-2.0584514 down
SPAG17	NM_206996	sperm associated antigen 17	-3.2783108 down	-2.1135762 down
ARHGAP21	BX537570	Rho GTPase activating protein 21	-3.1821902 down	-2.3107944 down
Unknown			-2.4048257 down	-2.2358017 down
LOC100131066	AK126015	uncharacterized LOC100131066	-5.14673 down	-2.6286132 down
	XR_248227		-4.2758546 down	-2.2441561 down
SERPINB7	NM_001040147	serpin peptidase inhibitor, clade B (ovalbumin), member 7	-3.9667935 down	-2.9745972 down
GABRB1	AK296023	gamma-aminobutyric acid (GABA) A receptor, beta 1	-2.4437363 down	-2.3036993 down
	AK127846		-2.835314 down	-3.3377197 down
	XR_247266		-3.9648254 down	-2.3169346 down
LAMC2	NM_005562	laminin, gamma 2	-2.598634 down	-2.3459158 down
YWHAE	AK296555	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide	-4.3042426 down	-2.908293 down
LOC100507547	NR_037169	uncharacterized LOC100507547	-3.0497594 down	-2.4733112 down
MAP3K6	NM_004672	mitogen-activated protein kinase kinase kinase 6	-2.1583643 down	-2.601848 down
LOC728158	XR_246201	hCG2044975	-4.0380673 down	-2.263453 down
C20orf85	NM_178456	chromosome 20 open reading frame 85	-3.6901999 down	-2.8147066 down

Unknown			-3.8055658	down	-3.5980184	down
PER2	NM_022817	period circadian clock 2	-2.111167	down	-2.9666555	down
CDH4	NM_001794	cadherin 4, type 1, R-cadherin (retinal)	-5.5603046	down	-6.0878124	down
	02-mar NM_017898	mitochondrial amidoxime reducing component 2	-2.674826	down	-2.0407164	down
CDH2	NM_001792	cadherin 2, type 1, N-cadherin (neuronal)	-4.583503	down	-3.714384	down
C9orf131	NM_203299	chromosome 9 open reading frame 131	-2.0848014	down	-2.3778877	down
	BC010535		-2.0297146	down	-2.4203024	down
GH2	NM_022558	growth hormone 2	-3.3913367	down	-2.3368669	down
MYO1C	NM_033375	myosin IC	-2.2141192	down	-2.173801	down
GTF2IRD2B	NM_001003795	GTF2I repeat domain containing 2B	-2.1344588	down	-2.7550595	down
LOC101059906	XM_003959933	collagen alpha-1(XXVII) chain-like	-2.3530664	down	-2.4644034	down
BICC1	NM_001080512	bicaudal C homolog 1 (Drosophila)	-4.6057963	down	-3.3942635	down
HFE2	NM_213653	hemochromatosis type 2 (juvenile)	-3.113686	down	-2.420331	down
PRDM15	NM_001282934	PR domain containing 15	-2.801667	down	-2.3053489	down
ENTPD8	NM_001033113	ectonucleoside triphosphate diphosphohydrolase 8	-6.5482965	down	-3.736031	down
TECPR2	NM_001172631	tectorin beta-propeller repeat containing 2	-4.199432	down	-2.1858718	down
Unknown			-8.630097	down	-3.782386	down
Unknown			-4.741531	down	-4.886796	down
LOC284581	AK094426	uncharacterized LOC284581	-14.301185	down	-9.800617	down
THNSL2	NM_001244676	threonine synthase-like 2 (S. cerevisiae)	-4.398632	down	-3.135761	down
SPACA1	NM_030960	sperm acrosome associated 1	-3.7234159	down	-3.5610242	down
MAD2L2		MAD2 mitotic arrest deficient-like 2 (yeast)	-3.8341029	down	-3.2875857	down
FAM27A	NR_024060	family with sequence similarity 27, member A	-2.543885	down	-2.4772813	down
FUT11	NM_001284194	fucosyltransferase 11 (alpha (1,3) fucosyltransferase)	-2.0877993	down	-2.0068507	down
Unknown			-2.967473	down	-2.789328	down
Unknown			-5.7256427	down	-2.1246498	down
	AK021797		-4.1011076	down	-2.5752614	down
FAM3A	NM_001171134	family with sequence similarity 3, member A	-2.1458092	down	-2.1456265	down
ARHGEF35	NM_001003702	Rho guanine nucleotide exchange factor (GEF) 35	-5.7877855	down	-2.4864452	down
NS3BP	NR_046316	NS3BP	-2.9254448	down	-2.2801344	down
HELT	NM_001029887	helt bHLH transcription factor	-3.549902	down	-2.0148091	down
C4orf19	NM_018302	chromosome 4 open reading frame 19	-2.7179587	down	-2.4065623	down
POU6F2	NM_007252	POU class 6 homeobox 2	-3.8951123	down	-2.414026	down
FAM95B1		family with sequence similarity 95, member B1	-3.8343315	down	-2.5860279	down
LOC63930		uncharacterized LOC63930	-3.9411638	down	-2.8614426	down
BMP8A	NM_181809	bone morphogenetic protein 8a	-4.3716955	down	-2.676179	down
LINC00301	NR_026946	long intergenic non-protein coding RNA 301	-8.623594	down	-4.916239	down
HIST3H2A	NM_033445	histone cluster 3, H2a	-2.01784	down	-2.0041134	down
COL6A5	NM_153264	collagen, type VI, alpha 5	-2.608723	down	-2.7317326	down
ZNF704	NM_001033723	zinc finger protein 704	-6.9241543	down	-3.5323913	down
LOC727982	NR_034134	uncharacterized LOC727982	-2.338986	down	-2.262424	down
			-4.768012	down	-3.0192158	down
			-3.514974	down	-3.394756	down
MAGEE2	NM_138703	melanoma antigen family E, 2	-3.6469004	down	-2.00022	down
EFCAB10	NR_027068	EF-hand calcium binding domain 10	-3.6122298	down	-2.418079	down
FAM41C	NR_027055	family with sequence similarity 41, member C	-5.4968333	down	-3.758045	down
XLOC_014512			-4.5733705	down	-3.4781518	down
CLDN14	NM_144492	claudin 14	-8.394292	down	-3.1466837	down
TMEM179	NM_001286390	transmembrane protein 179	-4.006581	down	-2.9599962	down
KCTD3	NM_016121	potassium channel tetramerization domain containing 3	-3.1514747	down	-2.715921	down
PROKR1	NM_138964	prokineticin receptor 1	-4.421828	down	-2.236533	down
			-7.5295234	down	-2.791482	down
			-3.4022899	down	-2.2949421	down
FLJ22763	NR_033977	uncharacterized LOC401081	-4.0255485	down	-2.2647824	down
			-4.2093396	down	-2.5410364	down
TMEM184A	NM_001097620	transmembrane protein 184A	-3.654196	down	-3.2429647	down
FERMT1	NM_017671	fermitin family member 1	-3.6510782	down	-2.7994456	down
C14orf64		chromosome 14 open reading frame 64	-3.591492	down	-2.30505	down
PRKAR1B	NM_001164761	protein kinase, cAMP-dependent, regulatory, type I, beta	-2.594742	down	-2.5395684	down
			-2.0164742	down	-3.3423624	down
TNFRSF19	BC035796	tumor necrosis factor receptor superfamily, member 19	-5.3742495	down	-6.1958547	down
SYT2	NM_001136504	synaptotagmin II	-3.6701791	down	-3.063535	down

SLC15A1	AB001328	solute carrier family 15 (oligopeptide transporter), member 1	-4.0305743 down	-2.1222937 down
HIST1H2BE	NM_003523	histone cluster 1, H2be	-2.5931947 down	-2.0254223 down
MANEA	NM_024641	mannosidase, endo-alpha	-3.0877209 down	-2.4143198 down
LOC100128591	AK128705	uncharacterized LOC100128591	-3.759605 down	-3.0677636 down
VRTN	NM_018228	vertebrae development associated	-5.439992 down	-3.349385 down
FAM149A	NM_015398	family with sequence similarity 149, member A	-3.5005147 down	-2.9712298 down
FUBP3	NM_003934	far upstream element (FUSE) binding protein 3	-5.2330184 down	-2.7376785 down
HSD11B2	NM_000196	hydroxysteroid (11-beta) dehydrogenase 2	-3.596185 down	-2.1148684 down
NLGN4X	NM_001282145	neuroigin 4, X-linked	-3.998283 down	-2.2987318 down
TLCD2	NM_001164407	TLC domain containing 2	-5.3781314 down	-2.198005 down
LOC284950	NR_038888	uncharacterized LOC284950	-6.351751 down	-2.9387305 down
SCRT2	NM_033129	scratch family zinc finger 2	-4.027731 down	-2.2713118 down
			-2.1838965 down	-4.360089 down
ANGPTL2	NM_012098	angiotensin-like 2	-4.095893 down	-2.3287864 down
	XM_001716650		-2.5670235 down	-2.132765 down
KCNK4	NM_033310	potassium channel, subfamily K, member 4	-2.068595 down	-2.363637 down
LOC389831	NM_001242480	uncharacterized LOC389831	-3.2388964 down	-3.4519672 down
	AL833920		-3.602652 down	-2.6940622 down
C14orf178	NM_174943	chromosome 14 open reading frame 178	-4.598357 down	-2.2258563 down
PDE4DIP	NM_022359	phosphodiesterase 4D interacting protein	-5.818242 down	-3.0068479 down
KRTAP10-5	NM_198694	keratin associated protein 10-5	-4.0719576 down	-3.916554 down
MGP	NM_000900	matrix Gla protein	-2.911317 down	-2.1918366 down
KRTAP3-3	NM_033185	keratin associated protein 3-3	-4.4346056 down	-2.7511568 down
LOC100129785	AK125285	uncharacterized LOC100129785	-8.948574 down	-7.7528396 down
SUV420H2	AK304562	suppressor of variegation 4-20 homolog 2 (Drosophila)	-4.5760546 down	-2.475215 down
ZC3H12D	NM_207360	zinc finger CCCH-type containing 12D	-5.7286477 down	-3.0985065 down
			-5.549519 down	-2.541297 down
			-2.9380908 down	-2.0397563 down
ST3GAL4	AK021929	ST3 beta-galactoside alpha-2,3-sialyltransferase 4	-4.5439243 down	-7.044811 down
			-2.9376445 down	-2.4711325 down
			-2.830846 down	-2.2931592 down
			-2.7486212 down	-3.1073565 down
			-2.8975022 down	-2.364695 down
SLC30A2	NM_001004434	solute carrier family 30 (zinc transporter), member 2	-2.344598 down	-2.9452925 down
SLC24A1	NM_004727	solute carrier family 24 (sodium/potassium/calcium exchanger), member 1	-3.9151382 down	-2.394274 down
ZNF468	NM_001277120	zinc finger protein 468	-2.827076 down	-2.8107257 down
CATSPERD	AK128088	catsper channel auxiliary subunit delta	-4.623141 down	-3.2647536 down
ARHGEF17	NM_014786	Rho guanine nucleotide exchange factor (GEF) 17	-2.4432623 down	-2.1165524 down
			-4.3227043 down	-2.2147217 down
HMGCS2	NM_005518	3-hydroxy-3-methylglutaryl-CoA synthase 2 (mitochondrial)	-2.4938753 down	-2.0311007 down
GRXCR2	NM_001080516	glutaredoxin, cysteine rich 2	-4.0122957 down	-2.2865386 down
ONECUT1	NM_004498	one cut homeobox 1	-4.9073195 down	-2.0443244 down
OR13D1	NM_001004484	olfactory receptor, family 13, subfamily D, member 1	-2.4869776 down	-2.1143165 down
OR51I1	NM_001005288	olfactory receptor, family 51, subfamily I, member 1	-5.992391 down	-3.1008372 down
KCNE4	NM_080671	potassium voltage-gated channel, Isk-related family, member 4	-3.4151103 down	-5.6199284 down
	U66047		-7.5220237 down	-4.487957 down
FGFR3	NM_000142	fibroblast growth factor receptor 3	-2.0702164 down	-3.825862 down
AFAP1-AS1	NR_026892	AFAP1 antisense RNA 1	-3.780862 down	-2.1451848 down
ACTRT3	NM_032487	actin-related protein T3	-4.7366433 down	-3.146077 down
			-3.2747273 down	-2.0443058 down
			-2.1157718 down	-2.325933 down
FLJ46066		uncharacterized LOC401103	-4.485975 down	-2.317953 down
			-2.4015107 down	-2.5467656 down
DHRS2	NM_182908	dehydrogenase/reductase (SDR family) member 2	-6.8590326 down	-3.0704036 down
REEP6	NM_138393	receptor accessory protein 6	-2.575719 down	-2.875117 down
RCOR2	NM_173587	REST corepressor 2	-4.64733 down	-3.462535 down
	AK025061		-8.363573 down	-4.825887 down
FAT3	NM_001008781	FAT atypical cadherin 3	-4.0956755 down	-2.8852012 down
KRT222	NM_152349	keratin 222	-7.3488154 down	-5.3459196 down
			-4.4342446 down	-3.6658337 down

SCN9A	NM_002977	sodium channel, voltage-gated, type IX, alpha subunit	-5.770431 down	-3.8044028 down
PROM2	NM_001165978	prominin 2	-9.506657 down	-7.005659 down
SRCIN1	NM_025248	SRC kinase signaling inhibitor 1	-3.8380826 down	-4.1044054 down
PIP	NM_002652	prolactin-induced protein	-10.857858 down	-7.557286 down
KRTAP9-1	NM_001190460	keratin associated protein 9-1	-3.4712448 down	-2.895403 down
EVA1A	NM_032181	eva-1 homolog A (C. elegans)	-2.7754946 down	-2.3179898 down
PCDHGA3	NM_032011	protocadherin gamma subfamily A, 3	-3.5279963 down	-2.0073564 down
SHANK1	NM_016148	SH3 and multiple ankyrin repeat domains 1	-5.3425636 down	-4.383421 down
STGC3	AY078383	uncharacterized STGC3	-3.1621144 down	-2.004961 down
LOC101928841	XM_005275740	collagen alpha-1(II) chain-like	-3.6128876 down	-3.0595014 down
LOC100130452	NR_034036	uncharacterized LOC100130452	-3.787305 down	-2.2544987 down
NR2F1	NM_005654	nuclear receptor subfamily 2, group F, member 1	-3.382628 down	-2.361522 down
ARHGAP39	NM_025251	Rho GTPase activating protein 39	-5.1775594 down	-2.9829621 down
C3orf84	NM_001080528	chromosome 3 open reading frame 84	-5.4438753 down	-3.8746393 down
C10orf115	NR_103721	chromosome 10 open reading frame 115	-3.7585018 down	-2.6245832 down
SNORA70B	BQ029156	small nucleolar RNA, H/ACA box 70B	-2.2360396 down	-2.2352493 down
	AK128215		-2.3471217 down	-2.1363661 down
	BX093647		-3.8331578 down	-2.2324064 down
OR2T4	NM_001004696	olfactory receptor, family 2, subfamily T, member 4	-4.949648 down	-2.253095 down
TBC1D28	NM_001039397	TBC1 domain family, member 28	-3.4437764 down	-2.87844 down
FAM212A	NM_203370	family with sequence similarity 212, member A	-2.2688856 down	-2.4272845 down
LOC100129048	AK128074	uncharacterized LOC100129048	-4.081966 down	-2.5689895 down
SSX4B	NM_001034832	synovial sarcoma, X breakpoint 4B	-4.847469 down	-4.047795 down
RNF150	NM_020724	ring finger protein 150	-8.132386 down	-5.1244707 down
LOC647983	AK126828	uncharacterized LOC647983	-3.9270349 down	-4.8871355 down
GOLGA2P2Y	NR_001555	golgin A2 pseudogene 2, Y-linked	-3.5396156 down	-2.5211184 down
LINC00314	NR_027246	long intergenic non-protein coding RNA 314	-3.850291 down	-2.2244236 down
LRRC46	NM_033413	leucine rich repeat containing 46	-2.1864002 down	-2.0385394 down
DGCR10	NR_026651	DiGeorge syndrome critical region gene 10 (non-protein coding)	-7.111806 down	-3.6058676 down
	AK094155		-4.5506506 down	-5.0520654 down
LENG9	NM_198988	leukocyte receptor cluster (LRC) member 9	-3.007068 down	-2.007832 down
C16orf3	NM_001214	chromosome 16 open reading frame 3	-7.0938406 down	-5.961076 down
UMODL1	NM_001199528	uromodulin-like 1	-3.8491638 down	-4.0061846 down
PCDHB8	NM_019120	protocadherin beta 8	-4.534865 down	-2.515205 down
SIX3	NM_005413	SIX homeobox 3	-4.537231 down	-3.9609032 down
AGFG2	NM_006076	ArfGAP with FG repeats 2	-2.2483902 down	-2.0649567 down
OR2AT4	NM_001005285	olfactory receptor, family 2, subfamily AT, member 4	-5.2183795 down	-3.5410466 down
SEC24A	NM_001252231	SEC24 family member A	-2.5152516 down	-2.012962 down
LRRC19	NM_022901	leucine rich repeat containing 19	-6.2985168 down	-3.5081592 down
TSSK1B	NM_032028	testis-specific serine kinase 1B	-5.448901 down	-2.1378126 down
LOC101930210	XR_246852	protein capicua homolog	-5.429978 down	-2.7558503 down
ARMS2	NM_001099667	age-related maculopathy susceptibility 2	-3.8944674 down	-2.514969 down
PAX2	NM_003990	paired box 2	-5.113308 down	-4.706431 down
LOC284014	AK095567	uncharacterized LOC284014	-5.84957 down	-3.6832788 down
			-3.2407732 down	-3.682595 down
			-4.3227715 down	-3.0128133 down
INMT	NM_001199219	indolethylamine N-methyltransferase	-5.000981 down	-4.5414267 down
STRC	NM_153700	stereocilin	-3.7172263 down	-2.3872378 down
XLOC_014512			-5.1569023 down	-2.4237964 down
			-2.342658 down	-2.1300905 down
C7orf61	NM_001004323	chromosome 7 open reading frame 61	-3.8604336 down	-4.073289 down
RNASET2	AK124363	ribonuclease T2	-5.3448896 down	-5.269457 down
HELZ2	BC104974	helicase with zinc finger 2, transcriptional coactivator	-2.06229 down	-2.3447983 down
GSN-AS1	NR_103560	GSN antisense RNA 1	-6.0970016 down	-2.933544 down
LOC339539		uncharacterized LOC339539	-5.9084177 down	-2.9785721 down
			-3.372966 down	-2.9898376 down
OR7G2	NM_001005193	olfactory receptor, family 7, subfamily G, member 2	-3.580863 down	-2.5025396 down
PAPPA	NM_002581	pregnancy-associated plasma protein A, pappalysin 1	-5.3291507 down	-2.2928572 down
KRTAP19-1	NM_181607	keratin associated protein 19-1	-6.35791 down	-6.9071665 down
	BQ719082		-2.2931893 down	-3.9675622 down
			-3.1420896 down	-2.0686378 down
			-4.8877363 down	-2.0024207 down

MAGEC2	NM_016249	melanoma antigen family C, 2	-2.90552 down	-3.9414883 down
ZNF248	BC021819	zinc finger protein 248	-3.8065662 down	-2.340402 down
SULT4A1	NM_014351	sulfotransferase family 4A, member 1	-4.77159 down	-3.5427861 down
DCUN1D2	NM_001014283	DCN1, defective in cullin neddylation 1, domain containing 2	-4.7389073 down	-3.6211264 down
LINC00551		long intergenic non-protein coding RNA 551	-6.7207165 down	-2.9179118 down
LOC100506191	AF289610	uncharacterized LOC100506191	-6.762854 down	-2.3440614 down
PRDX4	XM_005274438	peroxiredoxin 4	-5.593989 down	-2.304706 down
			-2.4713347 down	-2.0758712 down
			-4.241283 down	-2.5028021 down
GPSM1	NM_015597	G-protein signaling modulator 1	-7.4389806 down	-3.4216862 down
C2CD4D	NM_001136003	C2 calcium-dependent domain containing 4D	-2.365709 down	-2.1858833 down
HIST1H4E	NM_003545	histone cluster 1, H4e	-2.2334175 down	-2.8773859 down
HCAR1	NM_032554	hydroxycarboxylic acid receptor 1	-5.485897 down	-2.687955 down
	BG957402		-7.5299973 down	-2.1933568 down
ZDHC8P1	NR_003950	zinc finger, DHHC-type containing 8 pseudogene 1	-6.426266 down	-3.9944594 down
IKBKB	AK309052	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta	-2.5327141 down	-2.0707302 down
CASC8	NR_024393	cancer susceptibility candidate 8 (non-protein coding)	-4.968937 down	-2.752713 down
			-3.1215482 down	-3.951643 down
CDHR5	NM_031264	cadherin-related family member 5	-3.7579374 down	-2.1542735 down
TNFSF11	NM_003701	tumor necrosis factor (ligand) superfamily, member 11	-4.0673733 down	-3.0199182 down
	AB529275		-5.685839 down	-2.7506073 down
	BC069659		-5.8605723 down	-3.5412123 down
LOC100133091	NR_029411	uncharacterized LOC100133091	-3.669263 down	-3.6314611 down
	XR_241347		-4.2305098 down	-2.3596847 down
HCP5B	BC035659	HLA complex P5B (non-protein coding)	-2.7624404 down	-2.2379448 down
MBL1P		mannose-binding lectin (protein A) 1, pseudogene	-4.385063 down	-2.250458 down
OR2D3	NM_001004684	olfactory receptor, family 2, subfamily D, member 3	-6.4077725 down	-2.0092852 down
OR52W1	NM_001005178	olfactory receptor, family 52, subfamily W, member 1	-5.795704 down	-2.0155756 down
HIST1H4L	NM_003546	histone cluster 1, H4l	-3.6117704 down	-2.3230183 down
POLR3G	NM_006467	polymerase (RNA) III (DNA directed) polypeptide G (32kD)	-4.5163455 down	-4.865662 down
	AK128523		-2.950879 down	-3.2098026 down
			-4.7508554 down	-2.2627273 down
SHROOM4	NM_020717	shroom family member 4	-3.1549098 down	-2.698823 down
KIAA1598	NM_001258299	KIAA1598	-3.210234 down	-2.2871034 down
			-4.5786552 down	-3.6364934 down
ODF2L	NM_001007022	outer dense fiber of sperm tails 2-like	-2.8438332 down	-2.6571915 down
	XR_158963		-3.9666255 down	-3.4660625 down
LOC100131581	AK092544	uncharacterized LOC100131581	-4.9146338 down	-3.0167692 down
GDF10	NM_004962	growth differentiation factor 10	-2.9069853 down	-3.432062 down
SLC35F2	NM_017515	solute carrier family 35, member F2	-3.9931924 down	-4.473814 down
ORAOV1	XM_005274423	oral cancer overexpressed 1	-2.6955535 down	-2.090473 down
LOC729080	NR_033244	glycine cleavage system protein H (aminomethyl carrier) pseudogene	-2.50403 down	-4.1445174 down
TSPEAR	NM_144991	thrombospondin-type laminin G domain and EAR repeats	-3.7105336 down	-2.1994097 down
GPR157	NM_024980	G protein-coupled receptor 157	-4.7851667 down	-2.2411687 down
GOLGA6L10	NM_001164465	golgin A6 family-like 10	-11.504027 down	-6.690217 down
			-4.657573 down	-3.3173008 down
TIAL1	AB209260	TIA1 cytotoxic granule-associated RNA binding protein-like 1	-3.5871084 down	-2.5260284 down
LINC00205	AF426264	long intergenic non-protein coding RNA 205	-3.2771027 down	-2.068929 down
LOC100128653	XR_108727	uncharacterized LOC100128653	-4.25126 down	-2.6321714 down
GUCA2B	NM_007102	guanylate cyclase activator 2B (uroguanylin)	-2.9126515 down	-2.9069526 down
LOC440461	NR_027283	Rho GTPase activating protein 27 pseudogene	-3.0236762 down	-2.007196 down
	AL833395		-4.758976 down	-4.232102 down
			-4.334282 down	-2.4203575 down
ADAM12	NM_003474	ADAM metalloproteinase domain 12	-6.5722375 down	-5.1799927 down
PCBP3-OT1	AK126016	PCBP3 overlapping transcript (non-protein coding)	-4.3989706 down	-4.1296663 down
XLOC_014512			-3.846768 down	-3.3598876 down
KRTAP4-7	NM_033061	keratin associated protein 4-7	-2.7487543 down	-2.7129662 down
ZNF577		zinc finger protein 577	-4.8343444 down	-2.2719307 down
XLOC_014512			-3.0384092 down	-6.1747327 down

UNC5B	NM_170744	unc-5 homolog B (C. elegans)	-4.787286 down	-2.8932836 down
			-6.249618 down	-3.1547675 down
DCAF8L1	NM_001017930	DDB1 and CUL4 associated factor 8-like 1	-2.110095 down	-2.2685955 down
GRIK4	NM_001282470	glutamate receptor, ionotropic, kainate 4	-7.2889075 down	-5.004351 down
MYO3A	NM_017433	myosin IIIA	-7.0374346 down	-6.171576 down
VSX2	NM_182894	visual system homeobox 2	-3.971455 down	-2.4018989 down
LIPH	NM_139248	lipase, member H	-4.1432076 down	-2.4428647 down
			-2.7833745 down	-2.495093 down
MARK4	NM_031417	MAP/microtubule affinity-regulating kinase 4	-3.4606154 down	-2.6387324 down
TSPAN16	NM_012466	tetraspanin 16	-3.8295674 down	-5.547237 down
LOC283112	AK096599	uncharacterized LOC283112	-3.0908506 down	-2.2130513 down
HSD52		uncharacterized LOC729467	-4.1009865 down	-2.3608165 down
TMEM229B	XR_245666	transmembrane protein 229B	-2.950043 down	-2.2172356 down
TRIM49D1	NM_001206627	tripartite motif containing 49D1	-6.2758837 down	-4.8642063 down
LOC729444	NR_038388	uncharacterized LOC729444	-2.953629 down	-2.3946958 down
AKAP14	NM_001008535	A kinase (PRKA) anchor protein 14	-9.706893 down	-3.7234235 down
PPP6R1	NM_014931	protein phosphatase 6, regulatory subunit 1	-2.7125459 down	-3.7880533 down
LRCOL1	NM_001195520	leucine rich colipase-like 1	-7.937017 down	-2.3316307 down
LRRC2	NM_024512	leucine rich repeat containing 2	-8.663694 down	-4.936049 down
	XR_253722		-5.3861666 down	-4.1076794 down
ABCC6	NM_001079528	ATP-binding cassette, sub-family C (CFTR/MRP), member 6	-4.704009 down	-2.3465993 down
COL23A1	NM_173465	collagen, type XXIII, alpha 1	-2.6393318 down	-2.4980407 down
DSCR10	NR_027695	Down syndrome critical region gene 10 (non-protein coding)	-2.3509786 down	-4.523501 down
ARNT2	NM_014862	aryl-hydrocarbon receptor nuclear translocator 2	-2.1457686 down	-3.672476 down
WNT9A	NM_003395	wingless-type MMTV integration site family, member 9A	-4.6638374 down	-2.4781842 down
CALY	XM_005252686	calcyon neuron-specific vesicular protein	-2.646121 down	-3.2764416 down
TAS2R60	NM_177437	taste receptor, type 2, member 60	-3.5869987 down	-7.17155 down
	AK091409		-3.8394096 down	-2.1723459 down
CSPG4P8	NR_033579	chondroitin sulfate proteoglycan 4 pseudogene 8	-2.690664 down	-4.108693 down
FLJ34223		uncharacterized LOC440479	-2.80412 down	-3.636388 down
			-3.1214278 down	-2.0357 down
NXPH3	NM_007225	neurexophilin 3	-7.387283 down	-5.9469247 down
FOSL1	NM_005438	FOS-like antigen 1	-3.677499 down	-2.878679 down
ODAM	NM_017855	odontogenic, ameloblast associated	-5.745308 down	-2.316448 down
RPA4	NM_013347	replication protein A4, 30kDa	-6.4615455 down	-5.7699113 down
	XR_249135		-2.4342716 down	-2.6885736 down
LOC151475		uncharacterized LOC151475	-4.511114 down	-2.0918717 down
BEND4	NM_207406	BEN domain containing 4	-5.315073 down	-2.7898242 down
	M15530		-7.6152816 down	-3.8116748 down
B4GALNT1	NM_001478	beta-1,4-N-acetyl-galactosaminyl transferase 1	-6.0181375 down	-4.1517744 down
LOC729159	NM_001282301	UPF0607 protein ENSP00000381418-like	-3.909766 down	-2.6409407 down
INTU	NM_015693	inturned planar cell polarity protein	-2.1973627 down	-2.0360618 down
GPT	NM_005309	glutamic-pyruvate transaminase (alanine aminotransferase)	-17.095665 down	-12.025615 down
POF1B	NM_024921	premature ovarian failure, 1B	-4.3078823 down	-3.9651456 down
LOC441728	XR_109175	golgin-like	-10.269858 down	-11.882804 down
FGF22	NM_020637	fibroblast growth factor 22	-3.7246077 down	-2.0708148 down
HEATR4	NM_203309	HEAT repeat containing 4	-3.8288264 down	-2.7644792 down
OR10R3P	AK122667	olfactory receptor, family 10, subfamily R, member 3 pseudogene	-4.039973 down	-2.766414 down
OR2M7	NM_001004691	olfactory receptor, family 2, subfamily M, member 7	-4.7752323 down	-3.0194101 down
EMX1	BC037242	empty spiracles homeobox 1	-2.2458196 down	-2.7129996 down
MST1L	NM_001271733	macrophage stimulating 1-like	-5.965646 down	-3.6798 down
RGMA	NM_020211	repulsive guidance molecule family member a	-2.3790376 down	-2.797557 down
LHX1	NM_005568	LIM homeobox 1	-11.5837 down	-16.453512 down
			-10.089806 down	-3.8611047 down
CSDC2	NM_014460	cold shock domain containing C2, RNA binding	-3.5730286 down	-2.2499437 down
GMNC	NM_001146686	geminin coiled-coil domain containing	-3.3997037 down	-2.2894156 down
LINC00941		long intergenic non-protein coding RNA 941	-4.341432 down	-2.8990226 down
GNN	NR_027249	Grp94 neighboring nucleotidase pseudogene	-4.8369975 down	-3.0765047 down
	AK130724		-3.016074 down	-3.0144577 down
ZSCAN30	AK131291	zinc finger and SCAN domain containing 30	-2.652367 down	-2.432667 down

	AK130932		-3.6162224	down	-2.50488	down
	DA666023		-3.3337607	down	-5.5206895	down
PAX8	NM_003466	paired box 8	-6.5135703	down	-2.3970957	down
IGFN1	NM_001164586	immunoglobulin-like and fibronectin type III domain containing 1	-3.8319924	down	-2.936139	down
SNORA60	BF304636	small nucleolar RNA, H/ACA box 60	-14.885139	down	-24.101852	down
TAB3	AL832071	TGF-beta activated kinase 1/MAP3K7 binding protein 3	-3.1210954	down	-2.0841086	down
DNAI1	NM_012144	dynein, axonemal, intermediate chain 1	-5.2658434	down	-2.885911	down
DMTF1	NR_024549	cyclin D binding myb-like transcription factor 1	-2.2022564	down	-2.3297913	down
OR2T6	NM_001005471	olfactory receptor, family 2, subfamily T, member 6	-5.5887094	down	-2.9359596	down
			-2.3561962	down	-2.2367468	down
PPIEL	AK093659	peptidylprolyl isomerase E-like pseudogene	-2.6236956	down	-2.3107414	down
EYA2	NM_005244	eyes absent homolog 2 (Drosophila)	-4.438241	down	-3.1323988	down
APOA1	NM_000039	apolipoprotein A-I	-3.2232969	down	-2.555198	down
RNU105B	NR_004386	RNA, U105B small nucleolar	-2.6134226	down	-2.052073	down
GOLGA8A	NM_181077	golgin A8 family, member A	-2.3954964	down	-3.1745539	down
			-4.5105433	down	-2.0300515	down
GOLT1A	NM_198447	golgi transport 1A	-2.2132843	down	-2.2550058	down
LOC402160		uncharacterized LOC402160	-5.117429	down	-2.94199	down
ZBTB8B	NM_001145720	zinc finger and BTB domain containing 8B	-3.9387116	down	-2.5661407	down
MAGI2	NM_012301	membrane associated guanylate kinase, WW and PDZ domain containing 2	-3.9937086	down	-2.0878015	down
MIR17HG	NR_027350	miR-17-92 cluster host gene (non-protein coding)	-5.763578	down	-4.278801	down
FAM166A	XM_005266087	family with sequence similarity 166, member A	-5.8831716	down	-3.26692	down
NLRP7	NM_139176	NLR family, pyrin domain containing 7	-2.160418	down	-2.6873498	down
C1orf61	XM_005244829	chromosome 1 open reading frame 61	-5.2116704	down	-4.1522026	down
ARHGAP23	NM_001199417	Rho GTPase activating protein 23	-3.52002	down	-2.0313954	down
CDHR3	NM_152750	cadherin-related family member 3	-5.453435	down	-2.9512844	down
OR1J1	NM_001004451	olfactory receptor, family 1, subfamily J, member 1	-4.8351145	down	-2.8675408	down
PSG11	NM_002785	pregnancy specific beta-1-glycoprotein 11	-2.7547078	down	-2.0961835	down
RREB1	NM_001003699	ras responsive element binding protein 1	-2.8816469	down	-2.9915798	down
			-3.475632	down	-4.0586104	down
			-2.9290357	down	-3.7115092	down
MACROD2	BC035876	MACRO domain containing 2	-2.7689078	down	-3.7093298	down
LOC442132		golgin A6 family-like 1 pseudogene	-3.2626016	down	-2.6582966	down
			-3.6953633	down	-4.7340984	down
PITX2	NM_153426	paired-like homeodomain 2	-4.612477	down	-3.0472758	down
			-5.3786416	down	-3.4793699	down
			-7.823745	down	-4.4878373	down
LHX9	NM_020204	LIM homeobox 9	-4.391915	down	-3.2342193	down
GPR179	NM_001004334	G protein-coupled receptor 179	-8.6036825	down	-3.5796883	down
TPH2	NM_173353	tryptophan hydroxylase 2	-11.120205	down	-7.6923847	down
MAPK15	NM_139021	mitogen-activated protein kinase 15	-2.143195	down	-2.5821118	down
MOB3B	NM_024761	MOB kinase activator 3B	-2.8915176	down	-3.4244726	down
GPR98	NM_032119	G protein-coupled receptor 98	-6.1065216	down	-4.3317847	down
AQP4	NM_001650	aquaporin 4	-5.1011415	down	-3.0286992	down
MPL	NM_005373	myeloproliferative leukemia virus oncogene	-3.005372	down	-2.378023	down
FBLN1	NM_001996	fibulin 1	-5.5976233	down	-6.499015	down
			-3.9432645	down	-2.2055886	down
PPP1R27	NM_001007533	protein phosphatase 1, regulatory subunit 27	-5.734787	down	-5.269405	down
			-4.3869987	down	-2.184193	down
LOC286442		uncharacterized LOC286442	-4.339916	down	-2.328914	down
SPEN	NM_015001	spen family transcriptional repressor	-8.814157	down	-5.6074247	down
			-6.3649473	down	-2.3358502	down
SPATA31A3	NM_001083124	SPATA31 subfamily A, member 3	-6.6184096	down	-3.3604574	down
OR4C6	NM_001004704	olfactory receptor, family 4, subfamily C, member 6	-19.2936	down	-11.45397	down
CDRT1	NM_001282540	CMT1A duplicated region transcript 1	-6.194238	down	-4.3554344	down
			-2.4670947	down	-4.1436296	down
CACNA1B	NM_000718	calcium channel, voltage-dependent, N type, alpha 1B subunit	-4.147942	down	-4.9678426	down
RNASE12	NM_001024822	ribonuclease, RNase A family, 12 (non-active)	-4.9715176	down	-2.7973037	down
APC	NM_001127511	adenomatous polyposis coli	-2.448398	down	-2.182364	down
			-4.7872157	down	-4.1678476	down
SPON2	AK124606	spondin 2, extracellular matrix protein	-3.202906	down	-2.3445394	down

			-5.53947 down	-3.3159459 down
	BC046635		-4.5571737 down	-3.8089678 down
RGS8	NM_033345	regulator of G-protein signaling 8	-5.530544 down	-2.525994 down
	XR_248969		-4.0392647 down	-2.3164892 down
	BC015677		-5.105051 down	-2.8813436 down
RAP1GAP	NM_002885	RAP1 GTPase activating protein	-2.9104455 down	-3.1807668 down
LOC100130539	NM_001258000	uncharacterized LOC100130539	-2.5246282 down	-2.0935957 down
			-4.4528317 down	-2.2228973 down
KCNJ14	NM_013348	potassium inwardly-rectifying channel, subfamily J, member 14	-2.850899 down	-2.4246068 down
ENTPD1	NM_001776	ectonucleoside triphosphate diphosphohydrolase 1	-2.5639234 down	-2.13871 down
LOC286177	NR_038874	uncharacterized LOC286177	-3.6278076 down	-2.1548452 down
			-2.3879719 down	-2.7265215 down
FSHR	NM_000145	follicle stimulating hormone receptor	-3.3127756 down	-2.267113 down
GPM6B	NM_001001995	glycoprotein M6B	-3.0634086 down	-2.3533 down
ARHGAP23	NM_001199417	Rho GTPase activating protein 23	-4.858368 down	-3.3287895 down
			-4.8783894 down	-3.0666175 down
			-5.2587976 down	-3.3255405 down
PGM5	NM_021965	phosphoglucosyltransferase 5	-2.2973363 down	-2.2664988 down
KRT19P2	NR_036685	keratin 19 pseudogene 2	-3.348448 down	-2.1444669 down
KAAG1	NM_181337	kidney associated antigen 1	-4.3520412 down	-2.9201388 down
FBXL7	NM_012304	F-box and leucine-rich repeat protein 7	-5.4775863 down	-2.2919905 down
LINC00910		long intergenic non-protein coding RNA 910	-7.4299035 down	-2.4430544 down
ULBP2	NM_025217	UL16 binding protein 2	-6.8728576 down	-3.1869807 down
SERPINA4	NM_006215	serpin peptidase inhibitor, clade A (alpha-1 antitrypsin), member 4	-3.1868882 down	-3.599843 down
ELK1	NM_001257168	ELK1, member of ETS oncogene family	-8.585914 down	-8.91259 down
ANKRD20A8P	NR_003366	ankyrin repeat domain 20 family, member A8, pseudogene	-6.176295 down	-4.33573 down
TMEM178B		transmembrane protein 178B	-3.5479217 down	-2.201137 down
PIP5K1A	NM_003557	phosphatidylinositol-4-phosphate 5-kinase, type I, alpha	-3.5278819 down	-4.3902464 down
SPTBN4	NM_020971	spectrin, beta, non-erythrocytic 4	-3.0292487 down	-3.9215827 down
			-5.932906 down	-3.4587607 down
DCD	NM_053283	dermcidin	-3.9843438 down	-2.4074175 down
HHIP	NM_022475	hedgehog interacting protein	-2.439893 down	-3.1273031 down
SHC3	NM_016848	SHC (Src homology 2 domain containing) transforming protein 3	-2.7798693 down	-2.0452006 down
CCDC108	NM_152389	coiled-coil domain containing 108	-3.7554383 down	-2.321727 down
LOC283731	BC050067	uncharacterized LOC283731	-5.6335015 down	-3.443976 down
TSGA10	NM_025244	testis specific, 10	-4.2336516 down	-2.2358823 down
FAM230C	NR_027278	family with sequence similarity 230, member C	-6.3683257 down	-3.6202443 down
EXTL1	NM_004455	exostosin-like glycosyltransferase 1	-2.0882576 down	-4.033939 down
SOX3	NM_005634	SRY (sex determining region Y)-box 3	-7.3945627 down	-3.300588 down
PHLDB3	AK097512	pleckstrin homology-like domain, family B, member 3	-3.8866968 down	-2.2092724 down
			-3.2939706 down	-3.443294 down
USH1C	NM_005709	Usher syndrome 1C (autosomal recessive, severe)	-5.6109343 down	-2.880904 down
	XR_171112		-4.5336623 down	-2.611336 down
	AK123118		-5.9080386 down	-6.6710963 down
ZNF331		zinc finger protein 331	-5.116043 down	-3.0107036 down
LRRC3	NM_030891	leucine rich repeat containing 3	-5.487424 down	-2.853224 down
PDGFRA	NM_006206	platelet-derived growth factor receptor, alpha polypeptide	-2.4526863 down	-2.2322545 down
DPF3	AK024141	D4, zinc and double PHD fingers, family 3	-2.124125 down	-2.080736 down
FAM27A	NR_024060	family with sequence similarity 27, member A	-3.115372 down	-4.4144225 down
			-2.6201854 down	-2.9267063 down
			-2.047749 down	-2.0754888 down
	BC041650		-4.693455 down	-3.5388305 down
PRAMEF22	NM_001100631	PRAME family member 22	-3.2595613 down	-2.1726177 down
NFASC	NM_001005388	neurofascin	-5.391501 down	-6.7971063 down
LOC101927910	XM_005256332	keratin-associated protein 5-5-like	-2.2112243 down	-2.005248 down
			-5.157066 down	-2.634412 down
			-3.0468583 down	-2.4412186 down
	AK123308		-3.7871592 down	-2.1073499 down
			-3.4931276 down	-2.2421494 down
	CU678159		-4.846243 down	-3.3637216 down

LOC441204		uncharacterized LOC441204	-5.868776 down	-3.853323 down
ABC89	NM_019625	ATP-binding cassette, sub-family B (MDR/TAP), member 9	-3.5484471 down	-2.612492 down
EML5	NM_183387	echinoderm microtubule associated protein like 5	-4.5585327 down	-9.253154 down
LOC200726	NM_001102659	hCG1657980	-6.687719 down	-5.9616265 down
			-3.3375595 down	-2.2873392 down
BSX	NM_001098169	brain-specific homeobox	-6.2262125 down	-2.4991012 down
			-2.0069022 down	-3.1697426 down
CASKIN1	NM_020764	CASK interacting protein 1	-2.8927066 down	-2.277006 down
DGCR5		DiGeorge syndrome critical region gene 5 (non-protein coding)	-4.28018 down	-2.143334 down
NEUROG1	NM_006161	neurogenin 1	-5.3619804 down	-3.1397324 down
KIRREL3-AS3	NR_040078	KIRREL3 antisense RNA 3	-3.6323845 down	-5.0667768 down
NR2F2-AS1	XR_248180	NR2F2 antisense RNA 1	-3.7656596 down	-2.6659617 down
DLK1	NM_003836	delta-like 1 homolog (Drosophila)	-3.1148267 down	-2.7227533 down
RAPH1	NM_213589	Ras association (RalGDS/AF-6) and pleckstrin homology domains 1	-3.9197226 down	-2.3589814 down
PHLDA3	NM_012396	pleckstrin homology-like domain, family A, member 3	-3.2136095 down	-2.6204505 down
CIITA	NM_001286403	class II, major histocompatibility complex, transactivator	-5.077524 down	-2.8290663 down
			-5.3983345 down	-4.9868937 down
	XM_005245645		-3.9965096 down	-3.0538406 down
PAX5	NM_016734	paired box 5	-4.005408 down	-2.3719497 down
LOC116437	NR_026670	uncharacterized LOC116437	-5.4227715 down	-4.1206765 down
GLRA1	NM_000171	glycine receptor, alpha 1	-4.4588695 down	-2.484067 down
RNU105C	NR_004385	RNA, U105C small nucleolar	-11.19681 down	-7.9807844 down
KIF6	NM_145027	kinesin family member 6	-3.9143476 down	-2.2739236 down
AZGP1	NM_001185	alpha-2-glycoprotein 1, zinc-binding	-9.540843 down	-2.3737552 down
IKZF2	NM_001079526	IKAROS family zinc finger 2 (Helios)	-2.601485 down	-2.5392673 down
			-5.3467007 down	-3.2232668 down
			-4.261249 down	-2.107883 down
C1orf95	NM_001003665	chromosome 1 open reading frame 95	-5.0441523 down	-2.5306077 down
CHEK2	NM_145862	checkpoint kinase 2	-2.3252156 down	-2.01323 down
			-2.1989734 down	-3.9305325 down
SCN8A	NM_014191	sodium channel, voltage gated, type VIII, alpha subunit	-4.553953 down	-2.4663725 down
LINC00452	XR_246655	long intergenic non-protein coding RNA 452	-3.9686918 down	-2.4761572 down
PTCHD4	NM_001013732	patched domain containing 4	-4.50329 down	-2.5933256 down
	AF130075		-7.4900355 down	-4.5568705 down
PDE4DIP	NM_001198832	phosphodiesterase 4D interacting protein	-3.7096884 down	-5.6383185 down
LOC401188	AK091013	uncharacterized LOC401188	-4.323573 down	-2.4214504 down
GOLGA6L4	NM_001267536	golgin A6 family-like 4	-11.619715 down	-7.4029164 down
CEP55	NM_018131	centrosomal protein 55kDa	-3.6055336 down	-2.0650635 down
SH3GL1P2	NR_033420	SH3-domain GRB2-like 1 pseudogene 2	-2.1710477 down	-4.760231 down
MYO18B	NM_032608	myosin XVIIIIB	-2.7982197 down	-2.263577 down
SLC25A30-AS1	XR_172004	SLC25A30 antisense RNA 1	-5.4230833 down	-2.3404934 down
			-4.927114 down	-3.1189828 down
AACSP1		acetoacetyl-CoA synthetase pseudogene 1	-6.807344 down	-8.845006 down
			-3.1793828 down	-2.2812047 down
POM121L9P	NR_003714	POM121 transmembrane nucleoporin-like 9, pseudogene	-4.6989236 down	-3.0508938 down
FLJ16779	NR_024389	uncharacterized LOC100192386	-2.6983058 down	-2.0264542 down
GALNT5	NM_014568	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl-galactosaminyltransferase 5 (GalNAc-T5)	-3.7609816 down	-3.2798953 down
ANKRD20A3	XM_005276027	ankyrin repeat domain 20 family, member A3	-7.36758 down	-5.3436694 down
	XR_112948		-5.93326 down	-4.5668626 down
			-5.271536 down	-2.1753078 down
MPP3	NM_001932	membrane protein, palmitoylated 3 (MAGUK p55 subfamily member 3)	-3.6993234 down	-3.2927377 down
SLC38A8	NM_001080442	solute carrier family 38, member 8	-4.513118 down	-2.4864526 down
MYADML2	NM_001145113	myeloid-associated differentiation marker-like 2	-4.480282 down	-2.3721561 down
	AF068294		-4.001837 down	-3.0097098 down
RUNX1	NM_001122607	runt-related transcription factor 1	-3.6770244 down	-4.8424187 down
			-5.349376 down	-3.8398585 down
GLB1L3	NM_001080407	galactosidase, beta 1-like 3	-2.864664 down	-2.0269883 down
LOC143286	AL049428	uncharacterized LOC143286	-5.528928 down	-3.7336493 down
	AF495723		-7.263195 down	-3.4110782 down

	BC039440		-6.5707564 down	-4.5986185 down
LINC00111		long intergenic non-protein coding RNA 111	-9.909001 down	-6.9616804 down
SLC25A53	NM_001012755	solute carrier family 25, member 53	-2.7965713 down	-2.0241315 down
BSPRY	NM_017688	B-box and SPRY domain containing	-2.0788772 down	-2.912585 down
NFATC2	NM_173091	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2	-2.7129464 down	-3.1096048 down
	AF116680		-4.3722887 down	-3.4316304 down
MGC15705	BC007304	uncharacterized protein MGC15705	-2.6516984 down	-2.3447604 down
DAZ1	NM_004081	deleted in azoospermia 1	-4.2207193 down	-2.696044 down
BAALC		brain and acute leukemia, cytoplasmic	-3.9340394 down	-2.5718036 down
XLOC_014512			-4.6114936 down	-2.9526112 down
			-3.5228634 down	-2.9310122 down
			-2.2054574 down	-3.3041184 down
			-3.3535411 down	-2.9740458 down
LOC100130278	AK094114	uncharacterized LOC100130278	-4.352934 down	-2.6810272 down
MYLK3	NM_182493	myosin light chain kinase 3	-4.8094454 down	-2.6045861 down
ZEB1-AS1	CD674797	ZEB1 antisense RNA 1	-2.5606425 down	-2.2103498 down
KCNH6	NM_173092	potassium voltage-gated channel, subfamily H (eag-related), member 6	-7.2367606 down	-3.789919 down
C7orf31	NM_138811	chromosome 7 open reading frame 31	-3.9815376 down	-2.5165324 down
ASB15	NM_080928	ankyrin repeat and SOCS box containing 15	-4.1943336 down	-2.018217 down
LOC100128501	AK092192	uncharacterized LOC100128501	-2.1971228 down	-2.9409704 down
TWIST2	NM_001271893	twist family bHLH transcription factor 2	-2.498709 down	-2.13133 down
CHN2	XM_005249602	chimerin 2	-3.31459 down	-2.1265008 down
OPRL1	NM_182647	opiate receptor-like 1	-2.5215628 down	-3.7429655 down
			-4.053519 down	-2.713801 down
FAM83F	NM_138435	family with sequence similarity 83, member F	-2.1103554 down	-2.2759414 down
LOC100129148	NR_033999	uncharacterized LOC100129148	-6.381669 down	-3.8475778 down
VPS37D	NM_001077621	vacuolar protein sorting 37 homolog D (S. cerevisiae)	-2.9814596 down	-2.6878357 down
ZC3H12D	NM_207360	zinc finger CCCH-type containing 12D	-5.7907715 down	-6.3925047 down
GPR133	NM_198827	G protein-coupled receptor 133	-4.3677216 down	-3.547708 down
			-5.0685506 down	-2.664155 down
NCAPG	NM_022346	non-SMC condensin I complex, subunit G	-4.2137847 down	-2.4537015 down
NTNG2	AY358165	netrin G2	-7.3633924 down	-6.8432245 down
TTC40	NM_001200049	tetratricopeptide repeat domain 40	-2.0136626 down	-2.4544106 down
AMER2	NM_152704	APC membrane recruitment protein 2	-3.7883055 down	-2.0918944 down
ADRA1B	NM_000679	adrenoceptor alpha 1B	-2.41941 down	-2.8089519 down
GJD4	BC035898	gap junction protein, delta 4, 40.1kDa	-4.75909 down	-6.991357 down
C22orf42	NM_001010859	chromosome 22 open reading frame 42	-4.2366695 down	-3.8820403 down
LOC100128105		uncharacterized LOC100128105	-5.372041 down	-2.01934 down
RUFY4	NM_198483	RUN and FYVE domain containing 4	-2.5532694 down	-3.057439 down
LOC285300		uncharacterized LOC285300	-4.2367067 down	-3.0888019 down
TSG1	NR_015362	tumor suppressor TSG1	-4.174873 down	-2.380016 down
			-4.5816817 down	-4.532669 down
			-2.6276996 down	-2.3408945 down
	AF130091		-2.744198 down	-2.0109074 down
REG3A	NM_138938	regenerating islet-derived 3 alpha	-3.5031226 down	-2.559145 down
NPLOC4	AB040932	nuclear protein localization 4 homolog (S. cerevisiae)	-3.555991 down	-2.1306121 down
ONECUT3	NM_001080488	one cut homeobox 3	-3.2645967 down	-3.3143384 down
PRSS8	NM_002773	protease, serine, 8	-6.2877145 down	-4.0148997 down
C17orf105	NM_001136483	chromosome 17 open reading frame 105	-3.658769 down	-2.9773674 down
LYZL1	NM_032517	lysozyme-like 1	-6.901953 down	-4.044266 down
	AB305689		-2.1255066 down	-2.2967505 down
ZNF682	NM_033196	zinc finger protein 682	-5.54705 down	-3.902928 down
TTLL6	NM_173623	tubulin tyrosine ligase-like family, member 6	-3.27067 down	-3.057029 down
	AK124325		-4.2009473 down	-2.5298648 down
C2orf53	NM_178553	chromosome 2 open reading frame 53	-2.501564 down	-2.0435889 down
TSPY26P	NR_002781	testis specific protein, Y-linked 26, pseudogene	-3.6118186 down	-2.7128167 down
			-2.5757632 down	-2.9023128 down
POTEB	NM_207355	POTE ankyrin domain family, member B	-5.3219733 down	-4.1299067 down
LARP4B	NM_015155	La ribonucleoprotein domain family, member 4B	-3.7670898 down	-2.2183692 down
PROX2	NM_001243007	prospero homeobox 2	-5.8180184 down	-5.0145664 down
	AF390550		-3.377641 down	-2.703168 down
FAM188B	AK090826	family with sequence similarity 188, member B	-3.2656837 down	-2.0660553 down

LINC00548		long intergenic non-protein coding RNA 548	-3.4382236 down	-2.267029 down
HMGB3P1	NR_002165	high mobility group box 3 pseudogene 1	-3.4374135 down	-3.4973514 down
SPC24	AK075287	SPC24, NDC80 kinetochore complex component	-4.6533856 down	-2.3197775 down
MEGF11	NM_032445	multiple EGF-like-domains 11	-2.6790116 down	-4.04248 down
ZP4	NM_021186	zona pellucida glycoprotein 4	-5.587552 down	-2.7163396 down
MAT1A	NM_000429	methionine adenosyltransferase I, alpha	-3.8006558 down	-3.4326124 down
SH2D4B	NM_207372	SH2 domain containing 4B	-3.73974 down	-3.135691 down
GH1	NM_000515	growth hormone 1	-2.8961325 down	-2.542353 down
ERO1LB		ERO1-like beta (S. cerevisiae)	-3.8247004 down	-2.0460145 down
CYCSP52	NR_001560	cytochrome c, somatic pseudogene 52	-5.9181232 down	-2.7928193 down
			-4.169155 down	-3.0524366 down
LOC729739	BC013681	peptidylprolyl isomerase A (cyclophilin A) pseudogene	-5.952292 down	-3.0480518 down
ARHGEF4	NM_015320	Rho guanine nucleotide exchange factor (GEF) 4	-2.9063163 down	-2.0614185 down
MAGEC1	NM_005462	melanoma antigen family C, 1	-5.0645366 down	-3.344572 down
			-2.954408 down	-3.5126047 down
LOC100130372	AK127532	uncharacterized LOC100130372	-5.8386774 down	-2.0686522 down
LOC402779	NR_038372	uncharacterized LOC402779	-2.578671 down	-2.2035089 down
STAG2	NM_001042751	stromal antigen 2	-3.316222 down	-2.3683817 down
CALCA	NM_001033952	calcitonin-related polypeptide alpha	-2.9686708 down	-2.9556026 down
AATK	XM_005257848	apoptosis-associated tyrosine kinase	-6.053745 down	-3.704955 down
S100A7A	AY189119	S100 calcium binding protein A7A	-2.3899438 down	-3.0437043 down
TMEM99	NM_001195386	transmembrane protein 99	-3.0904317 down	-2.2920058 down
SATB2	NM_015265	SATB homeobox 2	-3.6700046 down	-2.0754857 down
			-4.7635064 down	-2.615217 down
VSTM2L	NM_080607	V-set and transmembrane domain containing 2 like	-6.645723 down	-6.580755 down
LOC100128176	NR_038408	uncharacterized LOC100128176	-4.1481166 down	-2.3471353 down
C4orf50	XM_003118524	chromosome 4 open reading frame 50	-4.803954 down	-3.3959832 down
			-4.2472863 down	-3.8274066 down
			-9.365239 down	-8.7195015 down
MYH7B	NM_020884	myosin, heavy chain 7B, cardiac muscle, beta	-4.8613653 down	-2.909175 down
			-3.5452375 down	-3.4789088 down
TMEM132C	NM_001136103	transmembrane protein 132C	-4.38772 down	-2.8326926 down
GPC6	NM_005708	glypican 6	-5.3728676 down	-2.7232473 down
LOC100128950	AK124198	uncharacterized LOC100128950	-5.8576503 down	-3.310135 down
			-7.9491067 down	-8.349956 down
LOC729911	NR_038997	uncharacterized LOC729911	-5.487533 down	-3.3559012 down
C2orf16	NM_032266	chromosome 2 open reading frame 16	-3.6598673 down	-7.9584894 down
STON2	NM_033104	stonin 2	-3.67418 down	-2.5440195 down
CEP72	NM_018140	centrosomal protein 72kDa	-2.8053527 down	-2.883138 down
PLA2G2D	BC025706	phospholipase A2, group IID	-5.292874 down	-2.4678793 down
MAGEA11	NM_001011544	melanoma antigen family A, 11	-4.0140657 down	-2.2949226 down
	AJ276252		-3.4094586 down	-2.196858 down
TRPM3	NM_206948	transient receptor potential cation channel, subfamily M, member 3	-3.452296 down	-4.561398 down
LOC100132356	NR_034127	uncharacterized LOC100132356	-2.7319398 down	-2.5004866 down
HTRA3	NM_053044	Htra serine peptidase 3	-3.8360732 down	-2.380205 down
			-6.7110906 down	-4.2568326 down
BTBD19	NM_001136537	BTB (POZ) domain containing 19	-4.391678 down	-3.4949558 down
XLOC_014512			-3.4835758 down	-2.3657763 down
PRAMEF4	NM_001009611	PRAME family member 4	-4.5565324 down	-5.2520337 down
			-3.2805517 down	-2.0368047 down
FCER1G		Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide	-2.0793395 down	-2.0450554 down
OPRM1	NM_001008504	opioid receptor, mu 1	-2.0698018 down	-2.3947942 down
FLJ13224	NR_026806	uncharacterized LOC79857	-3.4342465 down	-2.504551 down
UBE2I	XM_005255542	ubiquitin-conjugating enzyme E2I	-3.2711504 down	-3.1578462 down
FLJ44674	AK128747	FLJ44674 protein	-4.437907 down	-2.497909 down
XLOC_014512			-3.7397025 down	-2.2224689 down
OR52E2	NM_001005164	olfactory receptor, family 52, subfamily E, member 2	-11.298313 down	-12.850661 down
	AK128779		-4.7531257 down	-3.1691606 down
			-6.413644 down	-2.450457 down
ANKRD30BL	NR_027019	ankyrin repeat domain 30B-like	-4.696919 down	-3.9171348 down
SND1-IT1	NR_027330	SND1 intronic transcript 1 (non-protein coding)	-2.7406774 down	-5.7121572 down
ZNF295-AS1	NR_027273	ZNF295 antisense RNA 1	-5.074827 down	-2.1244316 down

LINC00908		long intergenic non-protein coding RNA 908	-3.0775535 down	-2.149846 down
C9orf170	NM_001001709	chromosome 9 open reading frame 170	-4.1848717 down	-2.194299 down
KRT18	NM_000224	keratin 18	-2.6492693 down	-2.544059 down
LOC100133077	XR_110101	uncharacterized LOC100133077	-5.1168437 down	-2.663046 down
KRT24	NM_019016	keratin 24	-5.66145 down	-3.9864826 down
LOC101060578	AK097639	putative COBW domain-containing protein 7-like	-2.5687132 down	-2.050406 down
			-5.182995 down	-3.2997575 down
LYPD1	NM_144586	LY6/PLAUR domain containing 1	-5.2903824 down	-3.1973336 down
LOC100131257	NR_034022	zinc finger protein 655 pseudogene	-2.8151958 down	-2.0795376 down
ZP3	NM_007155	zona pellucida glycoprotein 3 (sperm receptor)	-2.2300262 down	-3.2205937 down
ELMOD3	NM_001135021	ELMO/CED-12 domain containing 3	-5.04395 down	-6.2250795 down
BBOX1	NM_003986	butyrobetaine (gamma), 2-oxoglutarate dioxygenase (gamma-butyrobetaine hydroxylase) 1	-3.7182384 down	-2.249721 down
			-3.3010452 down	-3.4104838 down
NRIP2	NM_031474	nuclear receptor interacting protein 2	-3.6821842 down	-3.1240985 down
PLEKHH3	NM_024927	pleckstrin homology domain containing, family H (with MyTH4 domain) member 3	-3.8838005 down	-6.09917 down
SPEG	NM_005876	SPEG complex locus	-4.8856554 down	-4.6148615 down
ELOVL3	NM_152310	ELOVL fatty acid elongase 3	-4.179019 down	-2.1939065 down
CYP11B1	NM_000497	cytochrome P450, family 11, subfamily B, polypeptide 1	-5.6661777 down	-4.0354156 down
			-5.2011156 down	-2.5169075 down
			-2.8676488 down	-2.4875305 down
			-3.9133577 down	-2.1222732 down
PRKCG	NM_002739	protein kinase C, gamma	-5.734045 down	-2.5764086 down
NEU2	NM_005383	sialidase 2 (cytosolic sialidase)	-2.9798942 down	-2.152409 down
			-3.2337716 down	-2.5985951 down
PSG1	NM_006905	pregnancy specific beta-1-glycoprotein 1	-4.9921613 down	-2.1910615 down
XLOC_010534			-4.276244 down	-3.053713 down
LINC00302	CU449054	long intergenic non-protein coding RNA 302	-3.6860738 down	-2.149412 down
DKKL1	NM_014419	dickkopf-like 1	-3.9595037 down	-2.145298 down
ACACB	NM_001093	acetyl-CoA carboxylase beta	-2.8339155 down	-2.1251402 down
C1orf140	NR_024236	uncharacterized LOC400804	-3.5248063 down	-5.214493 down
PPIAL4G	AK123006	peptidylprolyl isomerase A (cyclophilin A)-like 4G	-4.986513 down	-3.2630737 down
CLDN24	NM_001185149	claudin 24	-3.2661986 down	-2.027146 down
EFHC2	NM_025184	EF-hand domain (C-terminal) containing 2	-2.5841026 down	-2.1857426 down
FLJ45256	XR_172139	uncharacterized LOC400511	-5.4824586 down	-3.1493418 down
NUMB	AK055876	numb homolog (Drosophila)	-5.916553 down	-4.465653 down
ESYT3	NM_031913	extended synaptotagmin-like protein 3	-3.2355413 down	-2.027996 down
ANKRD1	NM_014391	ankyrin repeat domain 1 (cardiac muscle)	-3.6157227 down	-2.058246 down
LOC650157	XM_001727011	peptidyl-prolyl cis-trans isomerase A-like	-2.1183245 down	-2.1015105 down
GJA8	NM_005267	gap junction protein, alpha 8, 50kDa	-2.6307201 down	-2.649914 down
			-2.5484412 down	-2.8283353 down
OR5AS1	NM_001001921	olfactory receptor, family 5, subfamily AS, member 1	-9.57515 down	-6.8833327 down
FOXD2-AS1	NR_026878	FOXD2 antisense RNA 1 (head to head)	-2.1654174 down	-2.1788409 down
PRAMEF15	NM_001098376	PRAME family member 15	-5.546904 down	-3.3328235 down
	DA797466		-4.1117473 down	-3.3040235 down
EGFL6	NM_001167890	EGF-like-domain, multiple 6	-4.1612563 down	-2.9807382 down
KALRN	AK131379	kalirin, RhoGEF kinase	-8.337575 down	-7.722789 down
HSD17B2	NM_002153	hydroxysteroid (17-beta) dehydrogenase 2	-2.771075 down	-2.275334 down
RS1	NM_000330	retinoschisin 1	-5.631471 down	-2.5032353 down
TTL13	NR_104604	tubulin tyrosine ligase-like family, member 13	-4.3395324 down	-2.9083288 down
SERPING1	NM_000062	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	-3.6206262 down	-4.2205234 down
NXN	BC104634	nucleoredoxin	-3.0354202 down	-2.1891823 down
C2orf27B	NM_214461	chromosome 2 open reading frame 27B	-6.6304526 down	-3.303043 down
LOC284561	XR_110828	uncharacterized LOC284561	-4.8970804 down	-4.23857 down
AOX1	NM_001159	aldehyde oxidase 1	-2.7608504 down	-2.0797276 down
GPRIN1	NM_052899	G protein regulated inducer of neurite outgrowth 1	-2.2356331 down	-2.8827758 down
			-5.0693965 down	-2.142824 down
	XM_001717040		-2.4956841 down	-2.1503267 down
KNCN	NM_001097611	kinocilin	-4.165843 down	-2.725823 down
LOC100128682	NR_040046	uncharacterized LOC100128682	-5.0672064 down	-2.454104 down
BTC	NM_001729	betacellulin	-4.2291036 down	-2.8819747 down
MLNR	NM_001507	motilin receptor	-2.1119905 down	-2.2022471 down

LINC00265	NR_026999	long intergenic non-protein coding RNA 265	-3.0890703 down	-10.263503 down
FAM46B	NM_052943	family with sequence similarity 46, member B	-2.7220135 down	-2.3069835 down
LOC100131242	AK124483	uncharacterized LOC100131242	-6.7647185 down	-3.5512571 down
KCNMA1	NM_001271520	potassium large conductance calcium-activated channel, subfamily M, alpha member 1	-4.62325 down	-2.2860222 down
C22orf24	NM_015372	chromosome 22 open reading frame 24	-5.1430025 down	-3.5211573 down
SLC2A12	NM_145176	solute carrier family 2 (facilitated glucose transporter), member 12	-2.7787275 down	-3.3910832 down
LONRF2	NM_198461	LON peptidase N-terminal domain and ring finger 2	-6.4311395 down	-3.2625039 down
XAGE1A	NM_001097592	X antigen family, member 1A	-5.9906077 down	-3.8157604 down
			-5.939781 down	-3.477825 down
KISS1	NM_002256	KiSS-1 metastasis-suppressor	-2.2105904 down	-2.3801632 down
LOC728613		programmed cell death 6 pseudogene	-4.78385 down	-4.9963565 down
SPATA13	AK092754	spermatogenesis associated 13	-3.8933823 down	-3.1779885 down
LIPG	NM_006033	lipase, endothelial	-2.362314 down	-2.2022915 down
MATN1	NM_002379	matrilin 1, cartilage matrix protein	-3.2768407 down	-2.150094 down
LINC00640	NR_038358	long intergenic non-protein coding RNA 640	-3.1292577 down	-2.2213464 down
LINC00537	XR_246700	long intergenic non-protein coding RNA 537	-2.5830874 down	-2.9399838 down
			-3.5642037 down	-2.74192 down
TNFAIP8L1	NM_001167942	tumor necrosis factor, alpha-induced protein 8-like 1	-6.1978087 down	-2.8801103 down
ATOH7	NM_145178	atonal homolog 7 (Drosophila)	-2.5730178 down	-3.0680246 down
IGFL4		IGF-like family member 4	-4.258593 down	-2.6725647 down
KRBA2	NM_213597	KRAB-A domain containing 2	-3.341646 down	-2.636628 down
			-6.3981156 down	-3.1327965 down
LOC654780	AK095331	SFPQ	-3.0009508 down	-2.1665819 down
LOC285758		uncharacterized LOC285758	-7.021153 down	-6.7411222 down
BEGAIN	NM_001159531	brain-enriched guanylate kinase-associated	-2.6326988 down	-2.8482418 down
IFITM5	NM_001025295	interferon induced transmembrane protein 5	-4.1292477 down	-3.7229087 down
			-2.8375366 down	-4.615257 down
SRPX	NM_006307	sushi-repeat containing protein, X-linked	-4.989093 down	-2.3670316 down
			-3.950959 down	-2.0965304 down
WWC2-AS2	NR_024008	WWC2 antisense RNA 2	-4.723164 down	-2.3429992 down
HMBOX1	XM_005273634	homeobox containing 1	-6.382482 down	-4.5809073 down
CDH24	NM_022478	cadherin 24, type 2	-5.361275 down	-8.422184 down
SIGLEC16	NR_002825	sialic acid binding Ig-like lectin 16 (gene/pseudogene)	-2.0913475 down	-2.8121698 down
ICMT	BC017037	isoprenylcysteine carboxyl methyltransferase	-2.5117805 down	-2.7361953 down
PRSS50	NM_013270	protease, serine, 50	-3.8746665 down	-2.275281 down
			-4.589399 down	-2.977569 down
			-4.056352 down	-2.0973783 down
FRMD4A	AK001072	FERM domain containing 4A	-5.396286 down	-5.5562153 down
RYR2	NM_001035	ryanodine receptor 2 (cardiac)	-3.1924555 down	-2.3227167 down
ANKMY2	NM_020319	ankyrin repeat and MYND domain containing 2	-2.4281106 down	-2.540638 down
			-2.1460063 down	-2.3498874 down
LOC101930210	XR_246852	protein capicua homolog	-3.987064 down	-3.8640091 down
PGC	NM_002630	progastricsin (pepsinogen C)	-3.061083 down	-3.787712 down
ANKRD33B		ankyrin repeat domain 33B	-4.4069405 down	-2.1035476 down
LOC392364	NR_040117	nuclear pore associated protein 1 pseudogene	-8.982032 down	-4.0242825 down
			-4.7029734 down	-4.641126 down
C19orf80	NM_018687	chromosome 19 open reading frame 80	-4.1604776 down	-2.9006255 down
PRELID2	NM_138492	PRELI domain containing 2	-2.774592 down	-2.567545 down
	AF130090		-2.1519656 down	-2.12819 down
	AK002210		-3.0624077 down	-2.419726 down
PARP10	NM_032789	poly (ADP-ribose) polymerase family, member 10	-2.3700228 down	-3.0117638 down
ENTPD1-AS1	NR_038444	ENTPD1 antisense RNA 1	-4.6143446 down	-2.0298798 down
	DA967691		-6.460211 down	-3.8911455 down
C1orf95	NM_001003665	chromosome 1 open reading frame 95	-4.16224 down	-2.8651948 down
PLAC4	NM_182832	placenta-specific 4	-4.465535 down	-2.899971 down
MUC22	NM_001198815	mucin 22	-3.7509608 down	-2.2997468 down
ASS1	NM_000050	argininosuccinate synthase 1	-7.2687473 down	-2.3587267 down
HSPA12B	NM_052970	heat shock 70kD protein 12B	-8.000544 down	-6.8582325 down
MREG	NM_018000	melanoregulin	-3.8753052 down	-2.5230293 down
AIM1L	NM_001039775	absent in melanoma 1-like	-2.3814204 down	-2.0896115 down
CLDN9	NM_020982	claudin 9	-2.284755 down	-2.3201125 down
	AK055281		-3.8784013 down	-6.856401 down

			-3.5241735 down	-3.6521168 down
RARB	NM_000965	retinoic acid receptor, beta	-2.4316323 down	-2.0805387 down
HOXA2	NM_006735	homeobox A2	-9.283564 down	-7.2102246 down
SCNN1D	NM_001130413	sodium channel, non-voltage-gated 1, delta subunit	-4.4984703 down	-2.8304255 down
	AK126599		-2.272024 down	-2.2630346 down
			-3.466794 down	-2.512548 down
ADH4	NM_000670	alcohol dehydrogenase 4 (class II), pi polypeptide	-5.3756394 down	-5.839934 down
LOC153811	AK021734	uncharacterized LOC153811	-2.1625905 down	-2.077881 down
ZNF750	NM_024702	zinc finger protein 750	-2.105438 down	-2.2620246 down
GDA	NM_004293	guanine deaminase	-5.3868537 down	-2.3238697 down
DKFZP547J0410	AL050263	DKFZP547J0410 protein	-6.3094077 down	-2.1034982 down
ANKRD20A5P	NR_040113	ankyrin repeat domain 20 family, member A5, pseudogene	-3.8878298 down	-3.301266 down
LOC100132474	AK125160	uncharacterized LOC100132474	-5.5846457 down	-4.3550954 down
LOC101928426	XM_005262504	basic salivary proline-rich protein 2-like	-2.4671354 down	-2.1240373 down
TEKT5	NM_144674	tektin 5	-3.534046 down	-2.1575022 down
RPL23AP7		ribosomal protein L23a pseudogene 7	-2.0044103 down	-4.298498 down
CYTH1	AK123894	cytohesin 1	-8.135434 down	-3.669139 down
C14orf23	NR_026731	chromosome 14 open reading frame 23	-3.1571982 down	-2.0129092 down
			-4.117132 down	-3.1985557 down
PLCE1	NM_016341	phospholipase C, epsilon 1	-5.704092 down	-4.449349 down
			-4.1643095 down	-2.488993 down
			-2.06069 down	-3.2373679 down
HOXD3	NM_006898	homeobox D3	-3.6895819 down	-4.82493 down
C16orf78	NM_144602	chromosome 16 open reading frame 78	-2.2827077 down	-2.8015893 down
			-3.9657881 down	-3.0303025 down
FAM95B1		family with sequence similarity 95, member B1	-6.9745016 down	-6.628003 down
LOC100996405	XM_003846604	uncharacterized LOC100996405	-4.227307 down	-3.8447871 down
TRIM49	NM_020358	tripartite motif containing 49	-4.4292817 down	-2.952903 down
CARD10	NM_014550	caspace recruitment domain family, member 10	-3.1858025 down	-2.5354111 down
CDK20	NM_001039803	cyclin-dependent kinase 20	-2.0132074 down	-2.9887044 down
ITGB1BP2	NM_012278	integrin beta 1 binding protein (melusin) 2	-5.0998955 down	-3.6831837 down
HILS1	NR_024193	histone linker H1 domain, spermatid-specific 1, pseudogene	-6.504197 down	-2.1705287 down
MAFIP	NR_046439	MAFF interacting protein (pseudogene)	-2.3858893 down	-4.0018263 down
FIGNL2	NM_001013690	figdgetin-like 2	-6.216129 down	-7.0376697 down
FLJ16126	BC130506	uncharacterized LOC645010	-3.0474324 down	-2.6852047 down
	AK094078		-3.32062 down	-2.536136 down
			-2.4806254 down	-2.242781 down
			-2.2267606 down	-2.1346881 down
			-5.5596623 down	-3.0330968 down
FLJ45079	NR_028337	FLJ45079 protein	-3.5942397 down	-2.9329846 down
FAM188B	NM_032222	family with sequence similarity 188, member B	-2.208694 down	-2.7789786 down
			-3.7954915 down	-2.2357159 down
TTC9B	NM_152479	tetratricopeptide repeat domain 9B	-2.3041391 down	-5.811311 down
	XM_005275749		-4.0413184 down	-2.5914798 down
			-3.9764905 down	-3.4983406 down
GJB1	NM_000166	gap junction protein, beta 1, 32kDa	-5.241464 down	-2.311607 down
C2CD2	AK129520	C2 calcium-dependent domain containing 2	-3.0305173 down	-3.1529033 down
	XR_243167		-4.9343033 down	-5.7813587 down
CACNG7	NM_031896	calcium channel, voltage-dependent, gamma subunit 7	-2.3234606 down	-2.189293 down
SEC14L3	NM_174975	SEC14-like 3 (S. cerevisiae)	-3.0333176 down	-2.3337786 down
RNF44	XM_005265842	ring finger protein 44	-2.6866064 down	-2.272156 down
AQP7P1		aquaporin 7 pseudogene 1	-3.6866508 down	-5.191415 down
			-4.472773 down	-2.1274254 down
EVPLL	NM_001145127	envoplakin-like	-2.6809144 down	-2.7900255 down
MYB	XM_005267001	v-myb avian myeloblastosis viral oncogene homolog	-6.1278763 down	-2.402128 down
	AY043127		-3.135213 down	-3.5069249 down
CYP3A7	NM_000765	cytochrome P450, family 3, subfamily A, polypeptide 7	-4.6630445 down	-2.7026408 down
SLC4A11	NM_032034	solute carrier family 4, sodium borate transporter, member 11	-2.8201563 down	-3.8291397 down
			-7.3692164 down	-6.0088816 down
TNR	NM_003285	tenascin R	-7.25473 down	-3.688181 down
CDH26	AF169690	cadherin 26	-6.338106 down	-2.5530965 down

WEE2	NM_001105558	WEE1 homolog 2 (S. pombe)	-5.4077764 down	-2.0671835 down
LOC283140	XR_247724	uncharacterized LOC283140	-2.933328 down	-2.5002172 down
STARD13	AY082592	StAR-related lipid transfer (START) domain containing 13	-4.6400976 down	-6.3124475 down
KRTAP22-1	BC101686	keratin associated protein 22-1	-2.7501624 down	-2.193338 down
HIP1	AY358103	huntingtin interacting protein 1	-2.891669 down	-4.580367 down
SPINT3	NM_006652	serine peptidase inhibitor, Kunitz type, 3	-2.2559807 down	-2.1773279 down
TRAIP	NM_005879	TRAF interacting protein	-3.5846562 down	-2.61517 down
			-2.6725955 down	-2.0892658 down
			-3.5203722 down	-2.3094718 down
			-4.4513683 down	-4.216011 down
			-6.562516 down	-3.1852612 down
RSG1	NM_030907	REM2 and RAB-like small GTPase 1	-3.4372394 down	-2.7162266 down
KATNAL2	NM_031303	katanin p60 subunit A-like 2	-7.3391366 down	-3.7840579 down
LRRC27	NM_001143757	leucine rich repeat containing 27	-2.0544841 down	-2.0007784 down
			-5.568514 down	-3.4921243 down
CASC5	NM_170589	cancer susceptibility candidate 5	-8.423703 down	-2.6278677 down
	XR_241567		-3.3718548 down	-3.7753386 down
LOC284628		uncharacterized LOC284628	-2.3500805 down	-2.0210927 down
			-3.7812335 down	-2.4951174 down
ZBTB46	NM_025224	zinc finger and BTB domain containing 46	-3.1657815 down	-2.4187608 down
OR4P4	NM_001004124	olfactory receptor, family 4, subfamily P, member 4	-3.9142623 down	-2.0618207 down
BPIFA1	NM_130852	BPI fold containing family A, member 1	-3.3350966 down	-2.1941106 down
			-4.8065295 down	-2.262546 down
ARHGAP33	AY044864	Rho GTPase activating protein 33	-8.100466 down	-3.8457866 down
			-3.883319 down	-2.1764355 down
JSRP1	NM_144616	junctional sarcoplasmic reticulum protein 1	-2.617098 down	-2.1416838 down
KRTAP21-1	NM_181619	keratin associated protein 21-1	-2.7263892 down	-2.2723818 down
DCDC2B	NM_001099434	doublecortin domain containing 2B	-2.467398 down	-3.0515325 down
			-8.121333 down	-2.458312 down
LANCL3	NM_198511	LanC lantibiotic synthetase component C-like 3 (bacterial)	-3.333469 down	-3.9324112 down
			-2.4194882 down	-2.147342 down
POTEA	NM_001005365	POTE ankyrin domain family, member A	-4.14527 down	-2.153182 down
FXYD5	AF177940	FXYD domain containing ion transport regulator 5	-2.6237252 down	-3.351646 down
ZNF833P	NR_028594	zinc finger protein 833, pseudogene	-3.313393 down	-3.2071152 down
			-2.7475557 down	-3.576794 down
CD70	NM_001252	CD70 molecule	-4.5155106 down	-2.6214747 down
NIFK-AS1	NR_037857	NIFK antisense RNA 1	-3.7612462 down	-2.4693296 down
FUT5	NM_002034	fucosyltransferase 5 (alpha (1,3) fucosyltransferase)	-3.9949164 down	-5.0115747 down
LOC440910	NR_030728	uncharacterized LOC440910	-2.980566 down	-2.178331 down
LINC00910	AK127427	long intergenic non-protein coding RNA 910	-5.5718756 down	-2.6120749 down
	AK092728		-5.614942 down	-3.9423654 down
RDH8	NM_015725	retinol dehydrogenase 8 (all-trans)	-2.50793 down	-2.9215565 down
RBP5	NM_031491	retinol binding protein 5, cellular	-4.0440464 down	-3.0047588 down
LOC729800		ZP domain-containing protein LOC729800-like	-5.677417 down	-3.5357096 down
ASPIN	NM_001193335	asporin	-4.8149104 down	-3.1003358 down
OSBPL1A	NM_080597	oxysterol binding protein-like 1A	-3.3080153 down	-2.3265214 down
FILIP1	NM_015687	filamin A interacting protein 1	-4.325328 down	-4.686489 down
CLCN3	NM_004366	chloride channel, voltage-sensitive 2	-2.1723602 down	-3.5596416 down
TUBB3	NM_006086	tubulin, beta 3 class III	-2.5607321 down	-2.9997253 down
PNPLA5	NM_138814	patatin-like phospholipase domain containing 5	-2.759226 down	-2.1336887 down
			-2.06931 down	-2.929605 down
SSC5D	NM_001144950	scavenger receptor cysteine rich domain containing (5 domains)	-2.9397655 down	-4.202606 down
			-3.31682 down	-2.1304648 down
PDE1C	NM_005020	phosphodiesterase 1C, calmodulin-dependent 70kDa	-3.563801 down	-2.0257459 down
TMEM254	NM_025125	transmembrane protein 254	-2.029224 down	-2.027727 down
STAR	NM_000349	steroidogenic acute regulatory protein	-2.4905252 down	-2.6234725 down
ZNF496	NM_032752	zinc finger protein 496	-2.0337863 down	-2.1253622 down
KCNK17	NM_031460	potassium channel, subfamily K, member 17	-2.0733569 down	-2.324354 down
RASGEF1C	NM_175062	RasGEF domain family, member 1C	-4.494135 down	-2.5676343 down
LINC00479	NR_027272	long intergenic non-protein coding RNA 479	-5.7776327 down	-4.0778666 down
LOC100506688	NR_104614	uncharacterized LOC100506688	-4.2683935 down	-2.596568 down

KRTAP2-3	NM_001165252	keratin associated protein 2-3	-2.3841586 down	-2.2337527 down
AKR1B15	NM_001080538	aldo-keto reductase family 1, member B15	-4.6705494 down	-2.1337974 down
ADAMTS16	NM_139056	ADAM metalloproteinase with thrombospondin type 1 motif, 16	-3.0361693 down	-3.2559235 down
RABEPK	AL832249	Rab9 effector protein with kelch motifs	-2.301904 down	-2.7702084 down
SLC4A10	NM_022058	solute carrier family 4, sodium bicarbonate transporter, member 10	-2.200645 down	-2.6917078 down
OXCT2	NM_022120	3-oxoacid CoA transferase 2	-2.7740047 down	-2.0726116 down
FAM101A	NM_181709	family with sequence similarity 101, member A	-6.9708815 down	-5.0124717 down
LOC101929847		golgin subfamily A member 2-like protein 3-like	-4.146473 down	-2.4807687 down
TRIP13	NM_004237	thyroid hormone receptor interactor 13	-3.2175422 down	-2.0441926 down
FAM184A	BX640728	family with sequence similarity 184, member A	-6.394074 down	-2.818335 down
			-7.104944 down	-6.231032 down
MCF2L	NM_024979	MCF.2 cell line derived transforming sequence-like	-3.2454245 down	-2.4111705 down
USP2-AS1	AK130019	USP2 antisense RNA 1 (head to head)	-3.144454 down	-2.4094837 down
			-4.0224037 down	-2.2229578 down
OBSCN	NM_052843	obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF	-2.8314023 down	-2.9657788 down
			-4.04259 down	-2.9328835 down
			-6.907095 down	-7.210703 down
			-3.9782977 down	-2.40387 down
PRSS38	NM_183062	protease, serine, 38	-7.0407524 down	-4.308838 down
ZDHHC20	BC034944	zinc finger, DHHC-type containing 20	-5.1861024 down	-2.653478 down
INE1	NR_024616	inactivation escape 1 (non-protein coding)	-4.8058147 down	-2.4841604 down
DRD2	NM_000795	dopamine receptor D2	-4.1984577 down	-2.098226 down
LOC6433327	AK096549	uncharacterized LOC6433327	-3.9665527 down	-2.3396132 down
AQP4-AS1	NR_026908	AQP4 antisense RNA 1	-2.1082878 down	-2.2112362 down
HOXB13	NM_006361	homeobox B13	-5.8375278 down	-3.7711306 down
	AK126601		-2.9459722 down	-3.1251743 down
LOC400752	NR_024270	uncharacterized LOC400752	-3.2062156 down	-2.4061265 down
LOC100131043	AK124222	uncharacterized LOC100131043	-2.9896443 down	-3.286456 down
IMMT	NM_001100170	inner membrane protein, mitochondrial	-2.81435 down	-2.6078925 down
SCNN1G	NM_001039	sodium channel, non-voltage-gated 1, gamma subunit	-3.7129946 down	-2.1228693 down
			-5.527194 down	-3.530172 down
GFM1	AK022724	G elongation factor, mitochondrial 1	-2.9672923 down	-3.4136693 down
LINC00243	XR_159139	long intergenic non-protein coding RNA 243	-3.0639231 down	-2.547695 down
CNGA4	NM_001037329	cyclic nucleotide gated channel alpha 4	-5.126623 down	-2.4353645 down
TTYT5		testis-specific transcript, Y-linked 5 (non-protein coding)	-5.2447047 down	-3.821448 down
HSP90AB4P	NR_073415	heat shock protein 90kDa alpha (cytosolic), class B member 4, pseudogene	-2.23193 down	-2.056503 down
IL26	NM_018402	interleukin 26	-5.910685 down	-5.722428 down
FLJ41455	AK123449	uncharacterized LOC441441	-3.5164332 down	-3.128099 down
DIO2	NM_013989	deiodinase, iodothyronine, type II	-3.1742823 down	-2.5414531 down
AVPR1B	NM_000707	arginine vasopressin receptor 1B	-2.363095 down	-3.216929 down
			-2.5052896 down	-2.1526978 down
	DB053889		-3.6354737 down	-3.9369462 down
EBPL	NR_103802	emopamil binding protein-like	-3.90579 down	-3.1389692 down
LOC100128001	AK125720	uncharacterized LOC100128001	-6.692714 down	-5.13357 down
	AK095132		-6.0531936 down	-2.3890495 down
OR10G2	NM_001005466	olfactory receptor, family 10, subfamily G, member 2	-2.3035967 down	-3.315201 down
KRT8P41	NR_027713	keratin 8 pseudogene 41	-4.6306205 down	-2.871 down
MGC16275	NR_026914	uncharacterized protein MGC16275	-2.0273113 down	-2.3972409 down
HES2	BC012091	hes family bHLH transcription factor 2	-2.453654 down	-2.0149393 down
NPPC	NM_024409	natriuretic peptide C	-2.9862602 down	-2.2403631 down
LOC389831	NM_001242480	uncharacterized LOC389831	-6.8795314 down	-5.603441 down
XLOC_014512			-4.342132 down	-2.6453834 down
LINC00478	NR_027790	long intergenic non-protein coding RNA 478	-2.500025 down	-2.1834679 down
TMEM177	AK311734	transmembrane protein 177	-3.8832707 down	-2.816161 down
GOLGA6L9	NM_198181	golgin A6 family-like 9	-4.7038183 down	-2.6304502 down
OR2L2	NM_001004686	olfactory receptor, family 2, subfamily L, member 2	-4.306786 down	-2.3532882 down
POFUT1	NM_172236	protein O-fucosyltransferase 1	-2.7953544 down	-2.8667874 down
LINC00661		long intergenic non-protein coding RNA 661	-3.4698396 down	-2.3260567 down
			-2.2811232 down	-2.3419116 down
PARP1		poly (ADP-ribose) polymerase 1	-4.216585 down	-2.5167377 down

REXO1L2P	NR_003594	REX1, RNA exonuclease 1 homolog (S. cerevisiae)-like 2 (pseudogene)	-8.747213 down	-6.7877603 down
			-2.7141654 down	-3.81782 down
			-2.2623057 down	-3.6396644 down
LINC00634	NR_024355	long intergenic non-protein coding RNA 634	-4.4256353 down	-2.6002984 down
ITPK1-AS1	NR_002808	ITPK1 antisense RNA 1	-2.1100764 down	-3.1966882 down
CHN2		chimerin 2	-2.1069708 down	-3.3470228 down
KRTAP26-1	NM_203405	keratin associated protein 26-1	-2.9844346 down	-2.1406884 down
			-3.0447924 down	-2.2138312 down
			-3.0453627 down	-2.482147 down
STXBP5L	NM_014980	syntaxin binding protein 5-like	-4.401448 down	-2.0890753 down
FAM230C	XR_246982	family with sequence similarity 230, member C	-3.9510932 down	-5.4164205 down
MED15P9	BC036597	mediator complex subunit 15 pseudogene 9	-3.685006 down	-3.2048664 down
ZNF503-AS2	NR_024421	ZNF503 antisense RNA 2	-4.7052536 down	-2.3035274 down
LOC650293	NM_001040071	seven transmembrane helix receptor	-3.7780097 down	-6.540019 down
	BC040619		-6.669156 down	-5.4872065 down
TAF5L		TAF5-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated factor, 65kDa	-3.4269083 down	-2.3891914 down
MGC39545	XR_110535	uncharacterized LOC403312	-3.1313677 down	-2.1363657 down
B4GALNT2	NM_153446	beta-1,4-N-acetyl-galactosaminyl transferase 2	-3.1871336 down	-2.0449708 down
			-2.2826583 down	-2.1958797 down
POM121L8P	NR_024583	POM121 transmembrane nucleoporin-like 8 pseudogene	-5.051601 down	-7.818869 down
			-2.7276943 down	-2.0610745 down
CTPS2	NM_001144002	CTP synthase 2	-3.576919 down	-2.0952806 down
MROH2A		maestro heat-like repeat family member 2A	-2.824729 down	-2.594823 down
AKAP1	NM_003488	A kinase (PRKA) anchor protein 1	-6.781774 down	-6.650966 down
			-3.3637526 down	-3.730161 down
PAK3	NM_002578	p21 protein (Cdc42/Rac)-activated kinase 3	-7.558883 down	-3.365554 down
FBLN1	NM_006486	fibulin 1	-3.014256 down	-3.6865642 down
SPRR2E	NM_001024209	small proline-rich protein 2E	-3.9378178 down	-2.9355419 down
			-3.032016 down	-2.0585797 down
C2CD4B	NM_001007595	C2 calcium-dependent domain containing 4B	-2.3726068 down	-3.2585046 down
CHRNA1	NM_001039523	cholinergic receptor, nicotinic, alpha 1 (muscle)	-3.457899 down	-4.53592 down
CRHR1	NM_001145148	corticotropin releasing hormone receptor 1	-2.697257 down	-2.5290244 down
			-2.8683896 down	-2.354647 down
TAS2R30	NM_001097643	taste receptor, type 2, member 30	-4.41865 down	-2.4881923 down
VAX1	NM_001112704	ventral anterior homeobox 1	-4.890126 down	-3.3857303 down
			-5.7741895 down	-5.241445 down
			-3.9164226 down	-2.1355317 down
C6orf164	NR_026784	chromosome 6 open reading frame 164	-2.8960931 down	-2.4579763 down
ACAN	NM_001135	aggrecan	-3.3048954 down	-3.8159482 down
BCAS1	NM_003657	breast carcinoma amplified sequence 1	-3.4770348 down	-2.7943482 down
LOC101930210	XR_246852	protein capicua homolog	-5.241599 down	-6.458739 down
LRRTM4	NM_024993	leucine rich repeat transmembrane neuronal 4	-2.4008393 down	-2.0386956 down
	BC050023		-8.402515 down	-4.641401 down
LOC100128402	AK124574	uncharacterized LOC100128402	-2.4591472 down	-3.4809797 down
KRTAP5-5	NM_001001480	keratin associated protein 5-5	-3.1588116 down	-2.3037202 down
MAP3K10	NM_002446	mitogen-activated protein kinase kinase kinase 10	-2.6512883 down	-3.0484006 down
MAGEB10	NM_182506	melanoma antigen family B, 10	-5.0158195 down	-2.435996 down
	XM_005263847		-3.0371017 down	-2.6299403 down
DRGX		dorsal root ganglia homeobox	-2.583394 down	-2.05292 down
SHOX	NM_006883	short stature homeobox	-4.9061747 down	-4.3361726 down
	XR_243792		-4.3647003 down	-3.4306297 down
CXorf64	NM_001122716	chromosome X open reading frame 64	-2.4640534 down	-2.1719856 down
KRT26	NM_181539	keratin 26	-2.13939 down	-2.0922265 down
MUCL1	NM_058173	mucin-like 1	-3.6118934 down	-3.1079416 down
			-2.0161433 down	-2.6670797 down
PTN	NM_002825	pleiotrophin	-5.1150107 down	-2.4462154 down
PTPRH	NM_002842	protein tyrosine phosphatase, receptor type, H	-4.100824 down	-2.4729233 down
C17orf82	NM_203425	chromosome 17 open reading frame 82	-4.369473 down	-3.0048323 down
CSH1	NM_001317	chorionic somatomammotropin hormone 1 (placental lactogen)	-2.5124705 down	-3.4446065 down
OR6P1	NM_001160325	olfactory receptor, family 6, subfamily P, member 1	-5.5802674 down	-2.0816424 down
SERINC2	NM_178865	serine incorporator 2	-2.2564945 down	-2.1549928 down

PPP1R1C	NM_001080545	protein phosphatase 1, regulatory (inhibitor) subunit 1C	-2.3891208 down	-2.2610533 down
MAP3K13	NM_004721	mitogen-activated protein kinase kinase kinase 13	-3.7432306 down	-2.3992116 down
STAU2-AS1	NR_038406	STAU2 antisense RNA 1	-2.7688327 down	-2.489578 down
DEFB1	NM_005218	defensin, beta 1	-7.353411 down	-2.3869355 down
PDILT	NM_174924	protein disulfide isomerase-like, testis expressed	-7.540905 down	-4.672183 down
	XM_005276061		-2.3770661 down	-2.4421797 down
LOC729020	NM_001143909	rcRPE	-4.013231 down	-2.6608815 down
OTC	NM_000531	ornithine carbamoyltransferase	-2.5970876 down	-3.4451053 down
CAPN13	NM_144575	calpain 13	-2.9244206 down	-3.1888301 down
	BX648501		-2.4813714 down	-2.9855356 down
TMEM132E	NM_207313	transmembrane protein 132E	-3.091431 down	-4.284696 down
TRIM17	NM_016102	tripartite motif containing 17	-4.3472695 down	-3.620156 down
MBD3L1	NM_145208	methyl-CpG binding domain protein 3-like 1	-4.395825 down	-3.1835573 down
TP53TG3	NM_016212	TP53 target 3	-2.395882 down	-2.0361729 down
	AK024906		-4.0546193 down	-2.464693 down
AP1S2	XM_005274612	adaptor-related protein complex 1, sigma 2 subunit	-3.997316 down	-2.379591 down
ODF3B	NM_001014440	outer dense fiber of sperm tails 3B	-2.1032474 down	-3.0685577 down
	XR_245823		-3.6191506 down	-2.9917042 down
CYP46A1	AB209749	cytochrome P450, family 46, subfamily A, polypeptide 1	-4.347425 down	-2.2400594 down
			-2.9855435 down	-2.6587827 down
CT45A5	NM_001007551	cancer/testis antigen family 45, member A5	-4.472325 down	-8.094015 down
C6orf118	NM_144980	chromosome 6 open reading frame 118	-5.746527 down	-2.1295283 down
			-2.306612 down	-3.1050115 down
EMR4P	AY181245	egf-like module containing, mucin-like, hormone receptor-like 4 pseudogene	-2.3178992 down	-2.3522377 down
LOC100131303	NM_001282442	uncharacterized LOC100131303	-4.5085297 down	-3.6261485 down
LINC00328	AF172850	long intergenic non-protein coding RNA 328	-4.8891616 down	-3.3823345 down
C18orf64	NM_001243517	chromosome 18 open reading frame 64	-8.573052 down	-5.265971 down
OR4M1	NM_001005500	olfactory receptor, family 4, subfamily M, member 1	-3.0773025 down	-2.6218333 down
EPX	NM_000502	eosinophil peroxidase	-2.1059031 down	-2.1721497 down
			-3.5672867 down	-2.6959102 down
PLK1	NM_005030	polo-like kinase 1	-3.6753976 down	-2.1234255 down
IGSF21	NM_032880	immunoglobulin superfamily, member 21	-2.9224963 down	-2.7440553 down
LOC152286	AL117431	uncharacterized LOC152286	-3.1030061 down	-2.150858 down
SELV	NM_182704	selenoprotein V	-3.1896558 down	-4.503737 down
			-2.7777936 down	-2.3124392 down
LRRC48	NM_031294	leucine rich repeat containing 48	-5.1789722 down	-3.5324757 down
CADPS	NM_183393	Ca ⁺⁺ -dependent secretion activator	-2.484442 down	-2.1044981 down
			-3.1737974 down	-2.3382058 down
			-3.2957397 down	-4.4931135 down
	AK000950		-7.552501 down	-4.49499 down
OR51L1	NM_001004755	olfactory receptor, family 51, subfamily L, member 1	-2.1734262 down	-2.3236735 down
IAPP	NM_000415	islet amyloid polypeptide	-2.0420742 down	-2.7572558 down
TPO	NM_175721	thyroid peroxidase	-2.3773062 down	-2.2086618 down
ILDR1	NM_001199799	immunoglobulin-like domain containing receptor 1	-8.349081 down	-3.69501 down
PPP1R12B	NM_001167858	protein phosphatase 1, regulatory subunit 12B	-5.0467706 down	-2.428456 down
POM121L4P	NR_024592	POM121 transmembrane nucleoporin-like 4 pseudogene	-4.1517305 down	-6.7370973 down
			-7.83493 down	-3.391712 down
ALPK3	NM_020778	alpha-kinase 3	-2.720958 down	-3.1536317 down
HOXD12	NM_021193	homeobox D12	-4.8989153 down	-3.730177 down
SLC22A24	NM_001136506	solute carrier family 22, member 24	-3.0037184 down	-2.218759 down
CLEC4M	NM_001144911	C-type lectin domain family 4, member M	-7.802538 down	-3.3323767 down
PLXDC1	NM_020405	plexin domain containing 1	-2.7237802 down	-2.8136203 down
MMP2	NM_004530	matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase)	-3.1940796 down	-3.0168788 down
NUMBL	AK096566	numb homolog (Drosophila)-like	-4.5448823 down	-2.4770176 down
RHO	NM_000539	rhodopsin	-2.9424348 down	-2.0070555 down
			-2.2462947 down	-2.1946433 down
LOC100128851	AK127423	uncharacterized LOC100128851	-2.8426902 down	-3.5658264 down
LYPD4	XM_005278383	LY6/PLAUR domain containing 4	-3.141229 down	-2.368074 down
XLOC_013472			-2.740107 down	-3.4043262 down
SIM1	NM_005068	single-minded family bHLH transcription factor 1	-4.73623 down	-3.516522 down
ERBB4	NM_005235	v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 4	-2.403767 down	-3.0228953 down

TTC39A	AB007921	tetratricopeptide repeat domain 39A	-5.586702 down	-4.0860405 down
SSC5D	NM_001144950	scavenger receptor cysteine rich domain containing (5 domains)	-3.5083632 down	-3.9298322 down
TPTEP1		transmembrane phosphatase with tensin homology pseudogene 1	-2.0719025 down	-2.7495475 down
C21orf62	NM_019596	chromosome 21 open reading frame 62	-5.5728498 down	-2.1346862 down
YY2	NM_206923	YY2 transcription factor	-2.4237745 down	-2.2702794 down
SH2D4B	NM_207372	SH2 domain containing 4B	-3.6573117 down	-2.745018 down
KLK3		kallikrein-related peptidase 3	-3.4170883 down	-2.143373 down
FAM95B1		family with sequence similarity 95, member B1	-3.3449035 down	-3.9587147 down
SPATA31C2	NM_001166137	SPATA31 subfamily C, member 2	-3.175988 down	-2.1441925 down
WDR6	NM_018031	WD repeat domain 6	-4.9029975 down	-2.105384 down
VTCN1	NM_024626	V-set domain containing T cell activation inhibitor 1	-3.4563015 down	-3.2026353 down
	DA380926		-3.4809265 down	-2.519322 down
FZD10	NM_007197	frizzled family receptor 10	-5.650798 down	-2.8633425 down
RSP01	NM_001038633	R-spondin 1	-3.1928272 down	-2.1467643 down
PBOV1	NM_021635	prostate and breast cancer overexpressed 1	-2.5024793 down	-2.2965157 down
DLL4	NM_019074	delta-like 4 (Drosophila)	-3.575623 down	-2.8565507 down
TBX15	XM_005271161	T-box 15	-2.9784076 down	-2.6120486 down
			-3.6806834 down	-2.572243 down
			-3.340373 down	-2.323868 down
			-2.8262095 down	-2.0393913 down
STXBP1	NM_003165	syntaxin binding protein 1	-5.8065495 down	-11.575024 down
PRSS35	NM_153362	protease, serine, 35	-4.6289682 down	-3.7475495 down
ARMC4	NM_018076	armadillo repeat containing 4	-3.9101305 down	-2.4722443 down
GPHA2	NM_130769	glycoprotein hormone alpha 2	-2.4099991 down	-2.9351585 down
	DQ323997		-2.2424254 down	-3.025131 down
XLOC_014512			-2.581114 down	-2.9747903 down
C11orf39	AK127362	chromosome 11 open reading frame 39	-2.8149347 down	-2.5082736 down
C9orf53	NR_024274	chromosome 9 open reading frame 53	-2.0028186 down	-2.208523 down
LOC390705		protein phosphatase 2, regulatory subunit B", beta pseudogene	-5.679186 down	-3.3711836 down
FAM115A	NM_014719	family with sequence similarity 115, member A	-2.7608933 down	-2.575283 down
LOC100130027	XR_250425	uncharacterized LOC100130027	-3.599427 down	-2.3434985 down
GPR143	NM_000273	G protein-coupled receptor 143	-2.0673742 down	-2.0001326 down
			-2.1234512 down	-2.7141237 down
FFAR4	NM_181745	free fatty acid receptor 4	-2.6581173 down	-3.5376074 down
CCL20	NM_004591	chemokine (C-C motif) ligand 20	-3.3799648 down	-5.3729663 down
ARHGAP29	NM_004815	Rho GTPase activating protein 29	-5.012964 down	-2.3029828 down
LCE3A	NM_178431	late cornified envelope 3A	-4.960309 down	-4.215301 down
XLOC_005985			-4.1495547 down	-2.4659622 down
LINC00469	NR_027146	long intergenic non-protein coding RNA 469	-2.3934133 down	-3.5327144 down
PDZD2	XM_005248269	PDZ domain containing 2	-4.299657 down	-2.0075896 down
	AX721312		-2.8196726 down	-2.0176792 down
GHRH	NM_021081	growth hormone releasing hormone	-2.2639303 down	-2.4451466 down
FLJ44881	BC119774	FLJ44881	-2.2183788 down	-2.81897 down
	AK026312		-2.1538436 down	-3.3416808 down
			-4.838314 down	-3.2798095 down
			-4.710228 down	-2.6721013 down
			-4.021721 down	-3.3218708 down
FLJ42102		uncharacterized LOC399923	-3.9866443 down	-3.0024512 down
	BE468260		-4.7367983 down	-2.5129466 down
			-2.217405 down	-2.3224392 down
GDF5	NM_000557	growth differentiation factor 5	-2.519642 down	-2.5101643 down
			-3.1182075 down	-5.8776093 down
SARDH	NM_007101	sarcosine dehydrogenase	-2.5900073 down	-2.4933617 down
			-2.8365214 down	-2.2153018 down
KIF21B	NM_001252102	kinesin family member 21B	-2.734255 down	-2.2452161 down
TRPV1	NM_080706	transient receptor potential cation channel, subfamily V, member 1	-3.4843838 down	-4.1230664 down
			-3.2270882 down	-3.051634 down
POLM	AK092801	polymerase (DNA directed), mu	-4.4273906 down	-6.1459208 down
PGF	NM_002632	placental growth factor	-2.7537487 down	-4.1989174 down
HOGA1	AK094791	4-hydroxy-2-oxoglutarate aldolase 1	-4.9284415 down	-2.9133787 down

	BX350880		-5.1892653 down	-3.5348084 down
FARP2	NM_014808	FERM, RhoGEF and pleckstrin domain protein 2	-2.578871 down	-3.1892345 down
OR4C13	NM_001001955	olfactory receptor, family 4, subfamily C, member 13	-4.78674 down	-2.7805126 down
RPRM	NM_019845	reprimo, TP53 dependent G2 arrest mediator candidate	-4.356147 down	-3.009193 down
C17orf104	NM_001145080	chromosome 17 open reading frame 104	-3.279685 down	-2.2853482 down
C1orf110	XM_005245126	chromosome 1 open reading frame 110	-6.8540196 down	-2.212149 down
C11orf91	NM_001166692	chromosome 11 open reading frame 91	-3.4042659 down	-3.2158985 down
LINC00112		long intergenic non-protein coding RNA 112	-6.3439503 down	-3.696973 down
RAB3C	NM_138453	RAB3C, member RAS oncogene family	-2.401721 down	-2.6397803 down
SLC26A1	NM_022042	solute carrier family 26 (anion exchanger), member 1	-4.0565376 down	-2.140201 down
			-4.2524214 down	-4.1089587 down
PRRG3		proline rich Gla (G-carboxyglutamic acid) 3 (transmembrane)	-4.379238 down	-4.0721474 down
LOC440518	NR_033899	golgin A2 pseudogene	-2.174021 down	-2.8164687 down
RAET1E	NM_139165	retinoic acid early transcript 1E	-3.5835888 down	-2.6243067 down
			-2.762051 down	-2.1660411 down
			-6.106518 down	-3.950393 down
CLIC5	NM_016929	chloride intracellular channel 5	-2.3120713 down	-2.813209 down
PCDH8	NM_002590	protocadherin 8	-4.5068326 down	-2.3611255 down
	XR_252185		-4.242264 down	-5.463425 down
CCDC13-AS1	XR_245087	CCDC13 antisense RNA 1	-4.3199215 down	-2.1194508 down
	BC069683		-3.6916153 down	-3.0403626 down
			-5.2074895 down	-2.120838 down
SLC19A3		solute carrier family 19 (thiamine transporter), member 3	-4.854747 down	-2.89024 down
MYCT1	NM_025107	myc target 1	-2.9153717 down	-3.1453035 down
LINC00656		long intergenic non-protein coding RNA 656	-2.3716185 down	-2.534903 down
AK4	NM_001005353	adenylate kinase 4	-4.4906936 down	-4.0319743 down
XLOC_014512			-3.80788 down	-2.2034023 down
RTN4RL1	NM_178568	reticulin 4 receptor-like 1	-2.713394 down	-2.4262722 down
SEPN1	NM_020451	selenoprotein N, 1	-2.4997265 down	-2.6878133 down
RBMY1B	NM_001006121	RNA binding motif protein, Y-linked, family 1, member B	-2.3554819 down	-2.2463882 down
			-7.0104017 down	-5.8662295 down
			-2.2990892 down	-2.0807428 down
			-3.154178 down	-3.1178367 down
	XM_005276061		-3.4237015 down	-3.155046 down
LOC100130442	AK131364	uncharacterized LOC100130442	-5.190087 down	-4.7179313 down
L2HGDH	NM_024884	L-2-hydroxyglutarate dehydrogenase	-4.540999 down	-3.6938467 down
			-3.6504707 down	-3.3330872 down
MUC12	NM_001164462	mucin 12, cell surface associated	-4.1237965 down	-2.31573 down
LUZP4	NM_016383	leucine zipper protein 4	-3.0300114 down	-2.3685749 down
	DA825750		-4.3914485 down	-2.1884382 down
ABHD12B	NM_001206673	abhydrolase domain containing 12B	-2.6606398 down	-2.2948968 down
C7	NM_000587	complement component 7	-4.9730897 down	-4.3760676 down
			-3.6345408 down	-2.1417725 down
			-3.1546032 down	-2.1340694 down
MAGEB16	NM_001099921	melanoma antigen family B, 16	-10.212704 down	-3.1281996 down
LINC00298		long intergenic non-protein coding RNA 298	-3.4533699 down	-3.0976439 down
TERF1	AK128828	telomeric repeat binding factor (NIMA-interacting) 1	-3.042686 down	-2.939499 down
CRHR1	AK124894	corticotropin releasing hormone receptor 1	-4.5187407 down	-2.3067143 down
FLJ32955		uncharacterized protein FLJ32955	-2.799315 down	-2.436399 down
	AK127494		-2.3571315 down	-2.2153118 down
C8orf66	AL834492	chromosome 8 open reading frame 66	-5.2120147 down	-5.335049 down
GGNBP1	NR_028361	gametogenetin binding protein 1 (pseudogene)	-2.5650973 down	-2.296233 down
FLJ45482	AK127393	uncharacterized LOC645566	-7.6402583 down	-5.4473696 down
ZNF221	NM_013359	zinc finger protein 221	-3.153823 down	-2.2103717 down
RIBC1	NM_144968	RIB43A domain with coiled-coils 1	-3.9644072 down	-2.9950383 down
CNTN6	NM_014461	contactin 6	-3.1018984 down	-2.5210204 down
			-2.4810603 down	-2.5062912 down
CALML6	NM_138705	calmodulin-like 6	-3.336499 down	-2.3114624 down
APOC4	NM_001646	apolipoprotein C-IV	-2.4776707 down	-2.2767167 down
OR13H1	NM_001004486	olfactory receptor, family 13, subfamily H, member 1	-2.3443534 down	-2.2315154 down
	XR_242443		-3.4162261 down	-2.558823 down
LRRC3B	NM_052953	leucine rich repeat containing 3B	-2.6797447 down	-2.304273 down

IGSF11	NM_152538	immunoglobulin superfamily, member 11	-2.2304337 down	-2.044415 down
LOC442122	AK128759	uncharacterized LOC442122	-2.4087815 down	-3.912592 down
ZFXH2	NM_033400	zinc finger homeobox 2	-3.499969 down	-2.0057359 down
SNX29	BC029857	sorting nexin 29	-3.4163837 down	-2.550967 down
TAF7L	NM_024885	TAF7-like RNA polymerase II, TATA box binding protein (TBP)-associated factor, 50kDa	-3.3501267 down	-4.237088 down
LOC100130219	BC039168	uncharacterized LOC100130219	-3.1230786 down	-2.995904 down
C11orf94	NM_001080446	chromosome 11 open reading frame 94	-2.98685 down	-2.2475994 down
LOC100128644	AY358240	LMNE6487	-2.9948626 down	-2.3389635 down
LINC01020	NR_026994	long intergenic non-protein coding RNA 1020	-4.014717 down	-2.321115 down
SLC22A7	NM_153320	solute carrier family 22 (organic anion transporter), member 7	-4.0024796 down	-2.5640233 down
DCN	NM_001920	decorin	-2.5660083 down	-2.601472 down
XLOC_004837			-5.287984 down	-2.8931408 down
LOC400682	XM_003846486	zinc finger protein 100-like	-3.8529625 down	-3.1319497 down
	AK057937		-5.594234 down	-3.1844053 down
LAMA3	BC093406	laminin, alpha 3	-3.9153767 down	-2.5552838 down
RLIM	NM_183353	ring finger protein, LIM domain interacting	-3.060859 down	-2.0225472 down
TBXA2R	NM_001060	thromboxane A2 receptor	-3.645117 down	-2.2187736 down
ZNRF3	NM_001206998	zinc and ring finger 3	-6.217153 down	-4.799175 down
	BC094703		-2.2877982 down	-2.0489757 down
ST8SIA6-AS1	AK127982	ST8SIA6 antisense RNA 1	-3.586174 down	-2.0305517 down
MYOZ3	NM_133371	myozenin 3	-3.4981747 down	-3.1188323 down
			-2.7736974 down	-2.9971247 down
			-3.0250106 down	-2.0324469 down
EPM2A	NM_001018041	epilepsy, progressive myoclonus type 2A, Lafora disease (laforin)	-2.6596923 down	-2.4355779 down
ZNF365	NM_199451	zinc finger protein 365	-9.490078 down	-3.8610733 down
			-5.0509114 down	-2.2933345 down
PSG10P	L14723	pregnancy specific beta-1-glycoprotein 10, pseudogene	-4.9226646 down	-5.8618336 down
PCDH10	NM_032961	protocadherin 10	-3.8108032 down	-2.4410305 down
OTOG		otogelin	-2.6265247 down	-2.0625606 down
BCOR		BCL6 corepressor	-3.6131258 down	-2.0180728 down
LOC100130433	AK096255	uncharacterized LOC100130433	-6.477724 down	-2.5512693 down
			-11.2422495 down	-7.8933845 down
DUOXA2	BX537581	dual oxidase maturation factor 2	-3.2095342 down	-2.217342 down
			-7.351093 down	-3.0303755 down
PKD2L1	NM_001253837	polycystic kidney disease 2-like 1	-2.2718992 down	-2.9406118 down
OR2A5	NM_012365	olfactory receptor, family 2, subfamily A, member 5	-4.145408 down	-3.9019973 down
IVL	NM_005547	involucrin	-3.2350159 down	-3.6366699 down
C18orf15	AK055900	chromosome 18 open reading frame 15	-2.8002374 down	-4.244676 down
ATP2A1	NM_173201	ATPase, Ca++ transporting, cardiac muscle, fast twitch 1	-2.146978 down	-2.6509368 down
C10orf67	NM_153714	chromosome 10 open reading frame 67	-2.6981645 down	-2.49525 down
	DA292495		-3.3290203 down	-4.4575987 down
KLF17	NM_173484	Kruppel-like factor 17	-5.9575186 down	-2.9071062 down
			-2.7443027 down	-2.0764837 down
LINC00471	NR_024079	long intergenic non-protein coding RNA 471	-2.6475132 down	-2.558882 down
SRRM2	NM_016333	serine/arginine repetitive matrix 2	-2.7734127 down	-2.4846544 down
HIC2	NM_015094	hypermethylated in cancer 2	-2.6893122 down	-3.6411602 down
ARHGEF25	NM_182947	Rho guanine nucleotide exchange factor (GEF) 25	-4.45104 down	-2.2068572 down
ACVR2B-AS1	NR_028389	ACVR2B antisense RNA 1	-2.1485991 down	-2.6750498 down
CENPM	NM_001002876	centromere protein M	-2.6285555 down	-3.0034392 down
	AK126822		-3.216857 down	-2.144103 down
LOC100127974	AK096395	uncharacterized LOC100127974	-2.5793755 down	-2.3793402 down
SNAR-A3	NR_024214	small ILF3/NF90-associated RNA A3	-3.394051 down	-2.610968 down
ARTN	NM_057090	artemin	-3.0175884 down	-2.9977477 down
DRAXIN	NM_198545	dorsal inhibitory axon guidance protein	-5.2025223 down	-4.297741 down
GOLGA8I	NR_024074	golgin A8 family, member I	-2.3765383 down	-2.3570118 down
KERA	NM_007035	keratocan	-6.805399 down	-2.166617 down
CCDC18	NM_206886	coiled-coil domain containing 18	-2.667565 down	-2.0145316 down
			-5.041713 down	-5.5404215 down
TREM2	NM_018965	triggering receptor expressed on myeloid cells 2	-3.880465 down	-2.5101337 down
OR51V1	NM_001004760	olfactory receptor, family 51, subfamily V, member 1	-5.2598615 down	-3.1856377 down

CSPG4P8	NR_033579	chondroitin sulfate proteoglycan 4 pseudogene 8	-3.605421 down	-2.7088027 down
SRGAP1	NM_020762	SLIT-ROBO Rho GTPase activating protein 1	-3.2719216 down	-5.9805984 down
LOC100128184	AK128032	uncharacterized LOC100128184	-2.6046724 down	-3.726653 down
SPATA31E1	NM_178828	SPATA31 subfamily E, member 1	-2.5855255 down	-3.0858095 down
PAQR9	NM_198504	progesterin and adipoQ receptor family member IX	-4.246932 down	-2.3362849 down
	BC137370		-2.8928747 down	-3.0560966 down
			-3.5755098 down	-3.1110375 down
C12orf42	NR_103526	chromosome 12 open reading frame 42	-2.9332204 down	-2.0324252 down
OR2Z1	NM_001004699	olfactory receptor, family 2, subfamily Z, member 1	-7.3849187 down	-4.651697 down
KRTAP5-7	NM_001012503	keratin associated protein 5-7	-4.1390243 down	-3.689695 down
AKR1C1		aldo-keto reductase family 1, member C1	-2.3489442 down	-2.9251955 down
KIAA1804	NM_032435	mixed lineage kinase 4	-2.1933222 down	-3.1814885 down
			-3.1517398 down	-3.0949423 down
PRSS37	NM_001008270	protease, serine, 37	-3.6511247 down	-2.7350087 down
IL19	NM_153758	interleukin 19	-2.3829544 down	-2.0626311 down
MS4A4E	XM_005274415	membrane-spanning 4-domains, subfamily A, member 4E	-4.7889643 down	-2.944113 down
HNF1A	X71347	HNF1 homeobox A	-4.2920446 down	-9.948551 down
PRDM5	NM_018699	PR domain containing 5	-2.4535525 down	-2.291478 down
FGL1	NM_201553	fibrinogen-like 1	-3.2281563 down	-3.7432191 down
ACBD7	NM_001039844	acyl-CoA binding domain containing 7	-4.7633204 down	-3.5007224 down
OR7E91P		olfactory receptor, family 7, subfamily E, member 91 pseudogene	-2.2479303 down	-2.177752 down
LOC101930277	XM_005276001	putative speedy protein-like protein LOC442572-like	-2.3543677 down	-3.9875796 down
			-4.580545 down	-3.7671514 down
	DW451783		-2.31998 down	-3.93076 down
			-3.0771558 down	-2.5405533 down
SLC12A1	NM_000338	solute carrier family 12 (sodium/potassium/chloride transporter), member 1	-2.9304106 down	-2.1636744 down
			-2.7537467 down	-4.634769 down
			-11.223335 down	-5.431114 down
			-3.9416976 down	-4.826088 down
SYTL4	AL832596	synaptotagmin-like 4	-7.2147017 down	-3.0938442 down
TRIM66	NM_014818	tripartite motif containing 66	-2.8489277 down	-2.0310817 down
TSSK6	NM_032037	testis-specific serine kinase 6	-2.6091082 down	-3.1816342 down
MGC45800	NR_027107	uncharacterized LOC90768	-3.9954557 down	-2.265468 down
GPX3	NM_002084	glutathione peroxidase 3 (plasma)	-8.080547 down	-26.24971 down
			-3.0391965 down	-2.26418 down
	XM_005262351		-3.0273724 down	-2.187194 down
PGF	AK023843	placental growth factor	-2.0445035 down	-3.2633703 down
GNG4	NM_001098722	guanine nucleotide binding protein (G protein), gamma 4	-4.072524 down	-2.2099357 down
WT1-AS	NR_023920	WT1 antisense RNA	-4.723758 down	-2.638942 down
	AK095662		-4.8174334 down	-3.7249205 down
THRSP	NM_003251	thyroid hormone responsive	-9.411306 down	-2.5471523 down
NPY5R	NM_006174	neuropeptide Y receptor Y5	-2.752537 down	-2.4194074 down
LINC00994		long intergenic non-protein coding RNA 994	-2.2048903 down	-2.8703406 down
			-3.8704274 down	-2.5611365 down
KCNG1	BC006367	potassium voltage-gated channel, subfamily G, member 1	-3.8978465 down	-2.251751 down
ADRA2B	NM_000682	adrenoceptor alpha 2B	-3.3958566 down	-2.0081847 down
ANKRD36B	NM_025190	ankyrin repeat domain 36B	-4.0414047 down	-2.42802 down
	AK097428		-2.9957068 down	-2.2840698 down
			-8.298018 down	-8.08274 down
DDC	NM_001242890	dopa decarboxylase (aromatic L-amino acid decarboxylase)	-4.1380014 down	-2.8398564 down
LINC00862	NR_040064	long intergenic non-protein coding RNA 862	-3.6854162 down	-3.9664595 down
			-8.106635 down	-4.1982193 down
			-3.607722 down	-5.6128917 down
FAM222A	NM_032829	family with sequence similarity 222, member A	-2.377456 down	-2.464742 down
MGC24103	BC020879	uncharacterized MGC24103	-3.3975537 down	-3.5006068 down
GIGYF2		GRB10 interacting GYF protein 2	-6.8904552 down	-2.1976812 down
CNTFR-AS1	NR_024369	CNTFR antisense RNA 1	-4.012094 down	-2.0007253 down
			-3.3043 down	-2.2938197 down
			-7.126149 down	-3.697126 down
CRHR1	NM_001256299	corticotropin releasing hormone receptor 1	-2.9646633 down	-3.3979523 down

ADCK3	XM_005273202	aarF domain containing kinase 3	-2.765031 down	-2.3748455 down
M1AP	NM_001281295	meiosis 1 associated protein	-4.565583 down	-5.0430565 down
SMIM17		small integral membrane protein 17	-7.0270543 down	-3.9596071 down
GRM4	NM_000841	glutamate receptor, metabotropic 4	-4.9132304 down	-3.4541683 down
CNBD1	NM_173538	cyclic nucleotide binding domain containing 1	-2.362943 down	-2.9723847 down
MFSD2B	NM_001080473	major facilitator superfamily domain containing 2B	-2.8333333 down	-2.5988963 down
			-5.6871257 down	-3.6310484 down
FAM95B1	NR_026759	family with sequence similarity 95, member B1	-2.4547598 down	-6.888975 down
FOXL1	NM_005250	forkhead box L1	-2.908986 down	-2.4489553 down
ASS1	NM_000050	argininosuccinate synthase 1	-2.0016015 down	-4.2798576 down
MSTO1	BC070067	misato 1, mitochondrial distribution and morphology regulator	-4.7585 down	-3.1386647 down
			-6.852509 down	-8.059803 down
PLAC9		placenta-specific 9	-2.2458434 down	-2.4713573 down
SMARCA1	NM_003069	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1	-2.820417 down	-2.0854108 down
			-3.4437118 down	-2.085765 down
SPACA6P	NR_024330	sperm acrosome associated 6, pseudogene	-2.147981 down	-2.171319 down
GABRB3	NR_103801	gamma-aminobutyric acid (GABA) A receptor, beta 3	-2.6119237 down	-2.5747182 down
LOC340335	AK074459	uncharacterized LOC340335	-2.2451448 down	-2.6379824 down
BRD7		bromodomain containing 7	-5.857923 down	-8.3824215 down
			-4.160587 down	-5.0996275 down
CETN1	NM_004066	centrin, EF-hand protein, 1	-3.3830988 down	-2.6012702 down
	AY358259		-3.4036396 down	-2.1031651 down
LINC00612	AK123808	long intergenic non-protein coding RNA 612	-3.347819 down	-2.3952613 down
CREG2	NM_153836	cellular repressor of E1A-stimulated genes 2	-2.2474577 down	-3.1792367 down
CPS1-IT1	NR_002763	CPS1 intronic transcript 1 (non-protein coding)	-4.651172 down	-2.132304 down
			-2.8417528 down	-3.6120808 down
			-4.688848 down	-4.3502536 down
CROCCP2		ciliary rootlet coiled-coil, rootletin pseudogene 2	-2.5046911 down	-2.0799756 down
LOC648691	NR_027426	uncharacterized LOC648691	-3.170918 down	-2.7376802 down
LOC100129213	NR_038419	uncharacterized LOC100129213	-5.7021146 down	-4.172857 down
			-2.2922685 down	-2.5002108 down
GCNT7	NM_080615	glucosaminyl (N-acetyl) transferase family member 7	-4.09372 down	-2.0400364 down
			-4.4009466 down	-2.563053 down
FAM230C	XR_246982	family with sequence similarity 230, member C	-5.1188145 down	-3.6988819 down
LRRC37A3	NM_199340	leucine rich repeat containing 37, member A3	-2.4184704 down	-3.8955996 down
TEX40	NM_001039496	testis expressed 40	-2.0131922 down	-2.8640788 down
			-2.3689635 down	-2.521992 down
CCNB3	NM_033031	cyclin B3	-2.3457255 down	-2.4409332 down
			-7.226682 down	-6.421004 down
NPAP1	NM_018958	nuclear pore associated protein 1	-3.0788836 down	-5.384669 down
LOC284395	NR_040029	uncharacterized LOC284395	-6.3845477 down	-3.5200908 down
MOBP	NM_182935	myelin-associated oligodendrocyte basic protein	-2.612194 down	-2.4987159 down
RNF151	NM_174903	ring finger protein 151	-10.789865 down	-6.9431434 down
	DB321672		-3.9226203 down	-5.995757 down
XIRP1	NM_194293	xin actin-binding repeat containing 1	-2.5284197 down	-2.0768394 down
TRIM15	NM_033229	tripartite motif containing 15	-2.9695067 down	-2.6229405 down
	DB452078		-8.392802 down	-5.68079 down
ATMIN		ATM interactor	-2.5728643 down	-3.0260386 down
CHRD1	NM_145234	chordin-like 1	-7.965218 down	-4.456384 down
CIB4	NM_001029881	calcium and integrin binding family member 4	-2.6833458 down	-2.0584834 down
	AF176921		-3.7699955 down	-2.4161296 down
CAND1	NM_018448	cullin-associated and neddylation-dissociated 1	-2.1629581 down	-2.76554 down
LOC728208	AK055890	uncharacterized LOC728208	-2.373086 down	-2.0081418 down
NWD1	NM_001007525	NACHT and WD repeat domain containing 1	-4.7681046 down	-2.9914217 down
	XR_246457		-3.7747784 down	-3.6855512 down
BMP8B	NM_001720	bone morphogenetic protein 8b	-4.392157 down	-3.4113386 down
			-3.600906 down	-2.8334656 down
C6orf132	NM_001164446	chromosome 6 open reading frame 132	-2.3015475 down	-2.0614069 down
IGF2-AS	NR_028044	IGF2 antisense RNA	-2.4300961 down	-2.2078357 down
			-3.8739939 down	-2.2797542 down
DLGAP1	BC040718	discs, large (Drosophila) homolog-associated protein 1	-4.467252 down	-2.4041307 down
IGLON5	NM_001101372	IgLON family member 5	-4.6648974 down	-4.5871277 down

CXorf36	NM_176819	chromosome X open reading frame 36	-4.2681413 down	-3.6356258 down
			-6.3634233 down	-3.9116843 down
			-3.2045245 down	-4.4178777 down
LINC01060		long intergenic non-protein coding RNA 1060	-2.7237144 down	-2.3773453 down
ECM2	NM_001197296	extracellular matrix protein 2, female organ and adipocyte specific	-3.7958162 down	-2.1066232 down
TMED7-TICAM2	NM_001164469	TMED7-TICAM2 readthrough	-2.6871846 down	-4.454804 down
CCL13	NM_005408	chemokine (C-C motif) ligand 13	-2.5201604 down	-2.7365208 down
CNTN1	NM_001256064	contactin 1	-3.4734068 down	-2.6254642 down
TMEM136	NM_174926	transmembrane protein 136	-5.311514 down	-3.2309813 down
HES2	NM_019089	hes family bHLH transcription factor 2	-3.4782894 down	-2.1838522 down
OR5M1	NM_001004740	olfactory receptor, family 5, subfamily M, member 1	-3.393951 down	-2.0258088 down
LOC643669	NM_001243212	uncharacterized LOC643669	-4.8111906 down	-2.9784377 down
			-2.0588372 down	-2.2057874 down
NTM	NM_001144058	neurotrimin	-2.9576633 down	-3.3258417 down
	AK090395		-3.5862362 down	-2.8501523 down
ZNF735	NM_001159524	zinc finger protein 735	-2.1558645 down	-2.6174467 down
			-7.364551 down	-3.1889184 down
CD276	NM_001024736	CD276 molecule	-3.558426 down	-3.9181426 down
KIR3DL3	NM_153443	killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 3	-12.905526 down	-5.4592304 down
SLC52A1	NM_017986	solute carrier family 52 (riboflavin transporter), member	-2.6768174 down	-3.277146 down
KCNK10	NM_021161	potassium channel, subfamily K, member 10	-2.8726737 down	-3.266088 down
LOC101059918	NM_001282484	golgin subfamily A member 8R-like	-3.9089081 down	-6.7563615 down
DNAH10OS	AK127211	dynein, axonemal, heavy chain 10 opposite strand	-2.8059027 down	-2.3963795 down
HPN-AS1	NR_024561	HPN antisense RNA 1	-4.2889986 down	-3.4931052 down
FAM180B	NM_001164379	family with sequence similarity 180, member B	-3.263672 down	-3.0560126 down
SNTG1		syntrophin, gamma 1	-3.6184735 down	-4.626544 down
LOC400043	NR_026656	uncharacterized LOC400043	-2.574002 down	-2.0180123 down
LOC100128437	AK126077	uncharacterized LOC100128437	-3.787349 down	-3.705672 down
ARHGAP42	NM_152432	Rho GTPase activating protein 42	-4.6884327 down	-5.0928216 down
TAF1B		TATA box binding protein (TBP)-associated factor, RNA polymerase I, B, 63kDa	-3.7659035 down	-2.3717206 down
LOC440047	CN273640	uncharacterized LOC440047	-5.813673 down	-3.7307885 down
HIST2H3A	NM_001005464	histone cluster 2, H3a	-5.252526 down	-4.079533 down
			-3.1482422 down	-4.8730435 down
			-4.9207687 down	-3.8382444 down
	AA489744		-4.0394135 down	-3.2260072 down
VAPB	NM_004738	VAMP (vesicle-associated membrane protein)-associated protein B and C	-3.3189611 down	-2.6637015 down
C10orf112	XM_003403619	chromosome 10 open reading frame 112	-9.1042795 down	-5.223857 down
	XR_243598		-2.7269614 down	-3.6086152 down
PDLIM2	NM_176871	PDZ and LIM domain 2 (mystique)	-2.8918436 down	-2.5667872 down
TACC2	NM_206862	transforming, acidic coiled-coil containing protein 2	-3.9553227 down	-2.6267865 down
SCXA	NM_001008271	scleraxis homolog A (mouse)	-2.3026268 down	-2.4852164 down
DLK2	NM_206539	delta-like 2 homolog (Drosophila)	-2.6934922 down	-2.4141169 down
RGMB	NM_001012761	repulsive guidance molecule family member b	-2.54233 down	-2.0258934 down
CCBL2	NM_001008661	cysteine conjugate-beta lyase 2	-3.892778 down	-4.073024 down
LOC645321	XR_245489	uncharacterized LOC645321	-6.129499 down	-7.913347 down
			-4.215071 down	-2.8316476 down
ZNF556	NM_024967	zinc finger protein 556	-4.1390405 down	-4.8221555 down
			-7.0757327 down	-3.5852954 down
LOC400927	NR_002821	TPTE and PTEN homologous inositol lipid phosphatase pseudogene	-3.1335623 down	-2.7839723 down
			-4.7952833 down	-3.0954583 down
KRTAP4-8	NM_031960	keratin associated protein 4-8	-2.1826358 down	-2.6519606 down
LINC00371	NR_102432	long intergenic non-protein coding RNA 371	-3.407904 down	-2.1707833 down
LINC00671	NR_027254	long intergenic non-protein coding RNA 671	-2.2122674 down	-2.6735916 down
DNAJC5B	NM_033105	DnaJ (Hsp40) homolog, subfamily C, member 5 beta	-4.672535 down	-2.5006452 down
BAGE	NM_001187	B melanoma antigen	-2.5002224 down	-2.2087772 down
			-2.190112 down	-2.5467663 down
SPINK14	NM_001001325	serine peptidase inhibitor, Kazal type 14 (putative)	-2.410096 down	-2.6004455 down
LOC442122	AK128759	uncharacterized LOC442122	-2.7732742 down	-3.5038638 down
OR5H1	NM_001005338	olfactory receptor, family 5, subfamily H, member 1	-2.4639056 down	-3.2964878 down
TBC1D26		TBC1 domain family, member 26	-4.6548347 down	-2.5070555 down

OR51M1	NM_001004756	olfactory receptor, family 51, subfamily M, member 1	-6.921062 down	-2.374214 down
PTGR2	NM_152444	prostaglandin reductase 2	-6.3909965 down	-8.441116 down
LOC100506514	AK124637	uncharacterized LOC100506514	-10.0932045 down	-5.316796 down
			-2.2071943 down	-4.2262087 down
EFR3B	AB023170	EFR3 homolog B (<i>S. cerevisiae</i>)	-2.170626 down	-5.4527555 down
			-2.93619 down	-2.6616418 down
ANKRD19P	AK292218	ankyrin repeat domain 19, pseudogene	-4.0869055 down	-2.4562414 down
	BX404796		-8.677917 down	-6.1796365 down
EBF2	NM_022659	early B-cell factor 2	-3.2187676 down	-4.952757 down
			-2.0403483 down	-2.0120137 down
			-5.1649723 down	-4.454665 down
LINC00312	NR_024065	long intergenic non-protein coding RNA 312	-2.5148447 down	-2.5898385 down
			-2.3364172 down	-3.0176022 down
	AK124642		-2.5255454 down	-2.088488 down
KRT18P55	NR_028334	keratin 18 pseudogene 55	-2.5229087 down	-3.00817 down
ZNF503-AS1	NR_038223	ZNF503 antisense RNA 1	-5.666863 down	-3.3589785 down
LOC100130849		phosphorylase kinase, gamma 1 (muscle) pseudogene	-2.5456324 down	-2.6875086 down
ZDHHC11	NM_024786	zinc finger, DHHC-type containing 11	-2.9321234 down	-2.5308278 down
RABL2B	BC020495	RAB, member of RAS oncogene family-like 2B	-5.261373 down	-3.8184621 down
	DB153536		-2.2824883 down	-2.5775142 down
ADAMTSL4-AS1	AK127688	ADAMTSL4 antisense RNA 1	-4.0250177 down	-4.0490417 down
AADAACL3	NM_001103170	arylacetamide deacetylase-like 3	-7.033656 down	-4.7020364 down
REXO1L2P	NR_003594	REX1, RNA exonuclease 1 homolog (<i>S. cerevisiae</i>)-like 2 (pseudogene)	-3.4867666 down	-3.3646264 down
TRIM61	NM_001012414	tripartite motif containing 61	-3.1146066 down	-2.6063843 down
	XR_243187		-4.0085664 down	-2.9335191 down
RBM43	NM_198557	RNA binding motif protein 43	-2.7332804 down	-2.1906834 down
LOC284379		solute carrier family 7 (cationic amino acid transporter, y+ system), member 3 pseudogene	-2.574183 down	-2.6562598 down
	XM_005244923		-3.68567 down	-2.043585 down
LOC100996291	NR_073178	uncharacterized LOC100996291	-2.192945 down	-2.3191981 down
			-4.8397064 down	-9.558157 down
CCL25	NM_005624	chemokine (C-C motif) ligand 25	-4.4605064 down	-2.8125806 down
STK32A	NM_145001	serine/threonine kinase 32A	-3.9841325 down	-2.125329 down
LOC100128988	AK023614	uncharacterized LOC100128988	-5.826838 down	-2.5201375 down
OR3A4P	NR_024128	olfactory receptor, family 3, subfamily A, member 4 pseudogene	-2.4522014 down	-2.0444016 down
LOC100132005	AK092662	uncharacterized LOC100132005	-3.9472644 down	-2.2618313 down
MIR143HG	NR_027180	MIR143 host gene (non-protein coding)	-2.0151367 down	-2.3195164 down
SLC39A5	NM_001135195	solute carrier family 39 (zinc transporter), member 5	-4.9817257 down	-2.177772 down
OR51D1	NM_001004751	olfactory receptor, family 51, subfamily D, member 1	-2.6888237 down	-2.7234256 down
ZSCAN5D	XM_003403711	zinc finger and SCAN domain containing 5D	-4.5405416 down	-2.763367 down
AANAT	NM_001166579	aralkylamine N-acetyltransferase	-3.5853052 down	-4.4548736 down
SPATA4	NM_144644	spermatogenesis associated 4	-3.9177687 down	-2.0024173 down
UPK1A	NM_007000	uropodin 1A	-2.2895222 down	-3.35515 down
			-3.8948188 down	-2.079903 down
SPPL2B	NM_152988	signal peptide peptidase like 2B	-2.820456 down	-2.3410263 down
OPA1	NM_130831	optic atrophy 1 (autosomal dominant)	-3.345311 down	-2.2762234 down
C20orf166-AS1	NR_033263	C20orf166 antisense RNA 1	-3.3013394 down	-3.677217 down
			-2.2027879 down	-2.2614367 down
HTR6	NM_000871	5-hydroxytryptamine (serotonin) receptor 6, G protein-coupled	-3.94895 down	-4.801688 down
LOC729732	XR_247131	uncharacterized LOC729732	-3.3206744 down	-5.959142 down
GOLGA6L1	NM_001001413	golgin A6 family-like 1	-5.487814 down	-3.3031168 down
OR5C1	NM_001001923	olfactory receptor, family 5, subfamily C, member 1	-2.1553092 down	-2.0499384 down
CD300LG	NM_145273	CD300 molecule-like family member g	-2.7944899 down	-4.8576713 down
CD37	XR_243973	CD37 molecule	-4.721688 down	-2.8741121 down
XLOC_014512			-2.4976802 down	-2.7772305 down
HOXB3	NM_002146	homeobox B3	-2.8945665 down	-3.075062 down
			-2.676337 down	-2.4572413 down
TCTE1	NM_182539	t-complex-associated-testis-expressed 1	-2.521798 down	-2.600335 down
RUSC1-AS1	NM_001039517	RUSC1 antisense RNA 1	-2.4845698 down	-4.7683234 down
LOC344887		NmrA-like family domain containing 1 pseudogene	-2.2412922 down	-2.1797147 down
CEND1	NM_016564	cell cycle exit and neuronal differentiation 1	-2.2966251 down	-2.1468523 down

SYCN	NM_001080468	syncollin	-2.8738527 down	-4.126801 down
			-5.363066 down	-2.6321282 down
TCP10L	NM_144659	t-complex 10-like	-3.8079617 down	-2.1274908 down
LOC285084		uncharacterized LOC285084	-6.156386 down	-3.2387424 down
GATA4	XM_005272387	GATA binding protein 4	-3.3302603 down	-3.4079113 down
L2HGDH	NM_024884	L-2-hydroxyglutarate dehydrogenase	-3.8875659 down	-7.3986907 down
IKZF2	NM_001079526	IKAROS family zinc finger 2 (Helios)	-2.4134467 down	-2.096539 down
FOXB2	NM_001013735	forkhead box B2	-3.9257894 down	-2.2824314 down
LINC00162		long intergenic non-protein coding RNA 162	-4.4838343 down	-2.2422283 down
LOC400891		chromosome 14 open reading frame 166B pseudogene	-2.215716 down	-3.673029 down
DMBT1	NM_007329	deleted in malignant brain tumors 1	-5.848115 down	-5.0211787 down
TTBK1	NM_032538	tau tubulin kinase 1	-8.653743 down	-3.3152597 down
			-2.904501 down	-4.1136 down
CA10	NM_020178	carbonic anhydrase X	-4.0328526 down	-2.1008806 down
PTCH1	AB214500	patched 1	-3.7899678 down	-5.1449695 down
KLK13	AY923173	kallikrein-related peptidase 13	-4.9105315 down	-2.6436265 down
TNFRSF13C	NM_052945	tumor necrosis factor receptor superfamily, member 13C	-2.1515656 down	-2.2379334 down
SLC22A7	NM_153320	solute carrier family 22 (organic anion transporter), member 7	-4.192265 down	-3.2391326 down
			-2.8490677 down	-3.094894 down
LINC00337	NR_103534	long intergenic non-protein coding RNA 337	-4.958702 down	-2.6796117 down
			-2.231278 down	-2.2449286 down
OTOP3	NM_178233	otopetrin 3	-3.9969406 down	-2.1958504 down
	AY461701		-4.7512646 down	-3.6513202 down
PLEKHN1	NM_032129	pleckstrin homology domain containing, family N member 1	-3.2920194 down	-4.4371614 down
TNP1	NM_003284	transition protein 1 (during histone to protamine replacement)	-7.639208 down	-3.239564 down
LINC00521	NR_024182	long intergenic non-protein coding RNA 521	-6.8597307 down	-13.302271 down
PREX2	NM_025170	phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 2	-2.065082 down	-2.5224254 down
NTRK3	XR_253443	neurotrophic tyrosine kinase, receptor, type 3	-4.179228 down	-3.1561337 down
			-8.691348 down	-6.5622582 down
PDPN	NM_198389	podoplanin	-3.0143769 down	-2.4606566 down
GOLGA8O	NM_001277308	golgin A8 family, member O	-4.9697156 down	-6.2678037 down
PDE4D	NM_001197218	phosphodiesterase 4D, cAMP-specific	-2.9013636 down	-3.2914772 down
			-4.2725863 down	-2.5822186 down
SALL4	NM_020436	spalt-like transcription factor 4	-5.617824 down	-7.585921 down
	AK128018		-3.326546 down	-2.0155284 down
PCDH10	NM_020815	protocadherin 10	-10.423427 down	-3.8829024 down
			-7.27371 down	-4.033067 down
			-2.78899 down	-2.1923654 down
MUC2	NM_002457	mucin 2, oligomeric mucus/gel-forming	-2.0494304 down	-2.0623684 down
NME9	NM_178130	NME/NM23 family member 9	-2.343076 down	-2.1936576 down
LOC283038		uncharacterized LOC283038	-5.1055355 down	-3.2461724 down
YIPF7	NM_182592	Yip1 domain family, member 7	-4.312422 down	-2.478259 down
HMCN1	NM_031935	hemcentin 1	-2.1529458 down	-4.2775693 down
H2AFB1	NM_001017990	H2A histone family, member B1	-2.5806627 down	-2.1886191 down
OR8H2	NM_001005200	olfactory receptor, family 8, subfamily H, member 2	-4.1839037 down	-6.4763327 down
C2orf27A	NM_013310	chromosome 2 open reading frame 27A	-2.3645375 down	-2.1131563 down
SLC25A16	BC001407	solute carrier family 25 (mitochondrial carrier; Graves disease autoantigen), member 16	-3.2903755 down	-4.07135 down
FLG	NM_002016	filaggrin	-6.6835027 down	-4.5268593 down
CREB3L3	NM_032607	cAMP responsive element binding protein 3-like 3	-7.3778715 down	-5.5571895 down
LOC283335	NR_033854	uncharacterized LOC283335	-3.906171 down	-2.1808505 down
ERBB3	NM_001005915	v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 3	-3.073997 down	-2.7754562 down
GPR123	NM_001083909	G protein-coupled receptor 123	-2.199137 down	-2.4919996 down
HIST1H2APS1		histone cluster 1, H2a, pseudogene 1	-2.4418077 down	-2.6281953 down
TPTE2P3	NR_002793	transmembrane phosphoinositide 3-phosphatase and tensin homolog 2 pseudogene 3	-6.196592 down	-2.5212119 down
SNCAIP	NM_005460	synuclein, alpha interacting protein	-2.5305371 down	-2.3968954 down
			-10.0941515 down	-12.246122 down
FOXA1		forkhead box A1	-5.672315 down	-3.9074488 down
OR51E1	NM_152430	olfactory receptor, family 51, subfamily E, member 1	-4.7580957 down	-2.1475463 down
			-3.8761833 down	-3.3969452 down

ANKRD20A12P	NR_046228	ankyrin repeat domain 20 family, member A12, pseudogene	-4.617865 down	-3.2308414 down
SLC5A6	NM_021095	solute carrier family 5 (sodium/multivitamin and iodide cotransporter), member 6	-2.6141648 down	-2.4534147 down
PDXK	XM_005261201	pyridoxal (pyridoxine, vitamin B6) kinase	-2.4855683 down	-2.0311298 down
FGF17	NM_003867	fibroblast growth factor 17	-4.12194 down	-4.1033063 down
CFLAR	NM_001202519	CASP8 and FADD-like apoptosis regulator	-4.2781434 down	-4.6703625 down
			-3.527747 down	-2.7066426 down
RP1L1	AK127545	retinitis pigmentosa 1-like 1	-3.0141788 down	-2.7269533 down
OR1F1	NM_012360	olfactory receptor, family 1, subfamily F, member 1	-5.768367 down	-4.514842 down
MRGPRD	NM_198923	MAS-related GPR, member D	-6.7391796 down	-3.5890746 down
LRRN4	NM_152611	leucine rich repeat neuronal 4	-2.4337735 down	-2.4662676 down
C1QTNF7	NM_031911	C1q and tumor necrosis factor related protein 7	-2.0753133 down	-2.151715 down
ZNF812	NM_001199814	zinc finger protein 812	-2.3612852 down	-2.6769469 down
	XR_109680		-3.2096179 down	-2.4871452 down
LOC399829		uncharacterized LOC399829	-3.523806 down	-3.4007292 down
NRN1	NM_016588	neuritin 1	-4.3750463 down	-2.3697023 down
NDP	NM_000266	Norrie disease (pseudoglioma)	-2.4819515 down	-2.5220702 down
XLOC_014512			-4.9803357 down	-6.0992327 down
NRG1	NM_004495	neuregulin 1	-3.4265642 down	-3.5246947 down
TTLL9	NM_001008409	tubulin tyrosine ligase-like family, member 9	-3.3337328 down	-3.0298066 down
			-2.87328 down	-3.7075272 down
BEST3	NM_001282614	bestrophin 3	-3.2675202 down	-4.591873 down
GSG1	NM_001080554	germ cell associated 1	-3.887381 down	-4.001791 down
			-4.4213104 down	-3.6939983 down
			-5.0280814 down	-2.902639 down
MLPH	NM_024101	melanophilin	-3.6302767 down	-2.6889625 down
COL5A1	AK057231	collagen, type V, alpha 1	-3.1718087 down	-4.067668 down
			-5.963965 down	-3.7325935 down
GRAMD2	NM_001012642	GRAM domain containing 2	-2.6142683 down	-2.04428 down
DMC1	NM_007068	DNA meiotic recombinase 1	-3.1878057 down	-2.5993614 down
ANKMY1	NM_017844	ankyrin repeat and MYND domain containing 1	-2.2135456 down	-3.5635881 down
GNRHR	NM_000406	gonadotropin-releasing hormone receptor	-2.5192702 down	-2.2511566 down
DNM1P46	NR_003260	DNM1 pseudogene 46	-2.924564 down	-3.9727767 down
			-2.277879 down	-2.5086474 down
PLSCR4	NM_020353	phospholipid scramblase 4	-3.4526606 down	-2.0200844 down
YEATS2	AK090720	YEATS domain containing 2	-3.4195857 down	-2.1613255 down
PTGR1	NM_012212	prostaglandin reductase 1	-3.185148 down	-2.6007707 down
			-3.5763938 down	-3.0213652 down
ATE1	NM_001001976	arginyltransferase 1	-2.4992554 down	-2.19486 down
TMEM174	NM_153217	transmembrane protein 174	-5.639762 down	-5.9497805 down
FLJ25363	NM_001145553	uncharacterized LOC401082	-2.058923 down	-2.0607967 down
			-9.519212 down	-4.476083 down
			-2.1686904 down	-3.219986 down
ZNF3	NM_017715	zinc finger protein 3	-2.2520313 down	-4.0247526 down
BRINP1	BC021560	bone morphogenetic protein/retinoic acid inducible neural-specific 1	-4.0490446 down	-2.245867 down
C8orf44-SGK3	NM_001204173	C8orf44-SGK3 readthrough	-2.279959 down	-2.4135082 down
			-2.1664078 down	-2.2181242 down
CRMP1	NM_001014809	collapsin response mediator protein 1	-3.3279607 down	-4.3283453 down
XLOC_014512			-3.7703242 down	-2.093263 down
LOC728208	AK055890	uncharacterized LOC728208	-3.6769822 down	-4.2462087 down
	XR_241667		-3.223834 down	-2.7122898 down
SUPT20HL2	NM_001136233	suppressor of Ty 20 homolog (S. cerevisiae)-like 2	-4.5437694 down	-3.7483592 down
NPAS1	NM_002517	neuronal PAS domain protein 1	-2.8871007 down	-2.5409536 down
PODNL1	NM_024825	podocan-like 1	-6.30966 down	-5.9561896 down
GPR115	NM_153838	G protein-coupled receptor 115	-2.6663744 down	-2.7746212 down
DND1	NM_194249	DND microRNA-mediated repression inhibitor 1	-2.372499 down	-2.0638418 down
	AK125712		-2.8168895 down	-3.7789106 down
CDH16	NM_004062	cadherin 16, KSP-cadherin	-6.998267 down	-2.9937773 down
LOC100132014	AK092445	uncharacterized LOC100132014	-4.0977426 down	-3.343256 down
LOC644093	XR_133298	hCG2040054	-2.9958692 down	-2.7517478 down
ABCA9	NM_080283	ATP-binding cassette, sub-family A (ABC1), member 9	-4.275162 down	-2.8953872 down
			-2.0994916 down	-2.2386808 down

TCL6	NR_028288	T-cell leukemia/lymphoma 6 (non-protein coding)	-8.836517 down	-3.5812922 down
FARP1	NM_005766	FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived)	-3.7099974 down	-2.2835436 down
RCL1		RNA terminal phosphate cyclase-like 1	-4.882639 down	-3.2970088 down
DPP6	NM_001039350	dipeptidyl-peptidase 6	-3.1823862 down	-3.0049343 down
FOXP3	NM_014009	forkhead box P3	-4.87151 down	-4.514639 down
LOC100270679	NR_038394	uncharacterized LOC100270679	-2.1174169 down	-2.0533419 down
TMEM89	NM_001008269	transmembrane protein 89	-3.4841127 down	-2.6754577 down
GALNT9	NM_021808	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 9 (GalNAc-T9)	-3.989943 down	-2.730447 down
SLC19A3	NM_025243	solute carrier family 19 (thiamine transporter), member 3	-5.364873 down	-2.3163168 down
TMEM235	NM_001204210	transmembrane protein 235	-3.0739653 down	-2.0669942 down
PRODH	BC036534	proline dehydrogenase (oxidase) 1	-5.142528 down	-10.200586 down
VPS37A	AL834189	vacuolar protein sorting 37 homolog A (S. cerevisiae)	-3.666253 down	-4.1268883 down
TRHDE-AS1	NR_026836	TRHDE antisense RNA 1	-3.3388712 down	-4.231664 down
	AW593215		-2.1635778 down	-2.7135425 down
GHRLOS	NR_073566	ghrelin opposite strand/antisense RNA	-3.8931842 down	-2.1587815 down
LOC100144602	NR_034138	uncharacterized LOC100144602	-2.0717487 down	-2.9488413 down
	DA797466		-2.3212717 down	-2.9478412 down
RNF165	NM_152470	ring finger protein 165	-4.896772 down	-3.4381387 down
MORN1	NM_024848	MORN repeat containing 1	-2.9358544 down	-4.107947 down
USHBP1	NM_031941	Usher syndrome 1C binding protein 1	-3.496437 down	-2.897544 down
GOLGA6A	NM_001038640	golgin A6 family, member A	-2.4638755 down	-4.779135 down
SCARA5	NM_173833	scavenger receptor class A, member 5 (putative)	-7.139853 down	-5.4821634 down
ASIP	NM_001672	agouti signaling protein	-5.4780416 down	-3.289856 down
			-2.2436392 down	-3.1757426 down
			-3.0855982 down	-3.1825237 down
			-3.2393532 down	-2.0611525 down
SPRR2B	NM_001017418	small proline-rich protein 2B	-3.6214142 down	-2.376864 down
LINC00087	NR_024493	long intergenic non-protein coding RNA 87	-3.4455636 down	-2.7784214 down
FRG2	NM_001005217	FSHD region gene 2	-2.1598742 down	-3.2779982 down
LYZL2	NM_183058	lysozyme-like 2	-3.7891939 down	-2.972997 down
			-3.6120558 down	-3.2739453 down
PNMA6A	NM_032882	paraneoplastic Ma antigen family member 6A	-2.8800113 down	-2.3811274 down
C8orf37	NM_177965	chromosome 8 open reading frame 37	-2.3259041 down	-2.026593 down
TSPEAR-AS1	NR_103707	TSPEAR antisense RNA 1	-3.1262767 down	-3.9372993 down
SLC26A7	NM_052832	solute carrier family 26 (anion exchanger), member 7	-6.679923 down	-3.6869466 down
			-4.819006 down	-5.557467 down
SLCO4C1	AF119865	solute carrier organic anion transporter family, member 4C1	-2.5227711 down	-2.5298479 down
MPPED1	NM_001044370	metallophosphoesterase domain containing 1	-9.362119 down	-5.874022 down
DBIL5P2	NR_036635	diazepam binding inhibitor-like 5 pseudogene 2	-3.343624 down	-3.0367873 down
MED1	NM_004774	mediator complex subunit 1	-3.148989 down	-4.8572793 down
GUCY2D	NM_000180	guanylate cyclase 2D, membrane (retina-specific)	-3.742484 down	-2.2980378 down
	AK026667		-5.012495 down	-3.575991 down
	CD694834		-3.5655062 down	-6.289534 down
CASS4	NM_001164115	Cas scaffolding protein family member 4	-2.152909 down	-2.1462932 down
SLC2A1-AS1	AK056786	SLC2A1 antisense RNA 1	-2.7799091 down	-3.794238 down
BLACE	NR_103545	B-cell acute lymphoblastic leukemia expressed	-2.6555748 down	-2.6677935 down
SLC9A7	NM_032591	solute carrier family 9, subfamily A (NHE7, cation proton antiporter 7), member 7	-2.1925597 down	-2.1704664 down
CCBE1	NM_133459	collagen and calcium binding EGF domains 1	-2.2427454 down	-2.804313 down
OPN5	NM_181744	opsin 5	-3.1091917 down	-3.137884 down
INADL	AJ001306	InaD-like (Drosophila)	-3.5576234 down	-2.2827427 down
CCDC40	NM_001243342	coiled-coil domain containing 40	-2.184633 down	-2.201744 down
LOC389602	AK124321	uncharacterized LOC389602	-4.4012833 down	-2.602459 down
	BX648392		-3.1091304 down	-2.781433 down
CSPG4P8	NR_033579	chondroitin sulfate proteoglycan 4 pseudogene 8	-4.6197977 down	-3.6204724 down
ZNF717	NM_001128223	zinc finger protein 717	-3.7600822 down	-2.0979207 down
TSGA10	NM_025244	testis specific, 10	-3.5671353 down	-2.0500958 down
LOC101929256	XR_242748	uncharacterized LOC101929256	-10.446433 down	-4.113459 down
DEFB121	NM_001171832	defensin, beta 121	-10.808161 down	-5.5644264 down
TRIM36	NM_001017397	tripartite motif containing 36	-4.4509544 down	-2.3733952 down
LRLT2	NM_001284223	leucine-rich repeat, immunoglobulin-like and transmembrane domains 2	-2.6727815 down	-2.9736469 down

	BC029571		-2.869104 down	-3.9679463 down
TRIM53AP	NR_028346	tripartite motif containing 53A, pseudogene	-6.196078 down	-2.2950032 down
ARHGEF33	NM_001145451	Rho guanine nucleotide exchange factor (GEF) 33	-4.192055 down	-4.3038073 down
BPIFC	NM_174932	BPI fold containing family C	-4.952355 down	-2.704431 down
URAHF	NR_027335	urate (hydroxyiso-) hydrolase, pseudogene	-3.1641784 down	-2.9379911 down
PEX26	NM_001199319	peroxisomal biogenesis factor 26	-2.643714 down	-2.410133 down
HYAL4	NM_012269	hyaluronoglucosaminidase 4	-4.994242 down	-2.448535 down
ANGPTL4	NM_139314	angiopoietin-like 4	-4.4138093 down	-2.9992814 down
SLC38A4	NM_018018	solute carrier family 38, member 4	-3.1320074 down	-3.050788 down
RAB19	NM_001008749	RAB19, member RAS oncogene family	-4.1937647 down	-5.7299867 down
ZNF320	AK307375	zinc finger protein 320	-3.2322986 down	-4.9440103 down
LY6K	NM_017527	lymphocyte antigen 6 complex, locus K	-4.3846498 down	-3.219032 down
	XR_253355		-2.8110096 down	-2.912551 down
FAT2	NM_001447	FAT atypical cadherin 2	-2.0005474 down	-2.0715022 down
			-3.2356954 down	-2.9836261 down
FLJ40039	AK097358	uncharacterized LOC647662	-7.326995 down	-7.3407874 down
ASRGL1	NM_001083926	asparaginase like 1	-5.146012 down	-2.5058482 down
LOC100130207	XR_245244	uncharacterized LOC100130207	-3.2457929 down	-2.7351577 down
	A25493		-2.0449417 down	-4.0344954 down
LOC100128402	AK124574	uncharacterized LOC100128402	-3.227346 down	-2.0488076 down
SIX1	NM_005982	SIX homeobox 1	-5.4981327 down	-6.201456 down
XLOC_014512			-7.9634647 down	-6.688405 down
TICRR	NM_152259	TOPBP1-interacting checkpoint and replication regulator	-3.413 down	-2.2031682 down
ANP32A	AK127498	acidic (leucine-rich) nuclear phosphoprotein 32 family, member A	-2.9449587 down	-2.457489 down
RDX	NM_001260492	radixin	-2.7580304 down	-3.0268786 down
HTATSF1P2	NR_033884	HIV-1 Tat specific factor 1 pseudogene 2	-4.959301 down	-2.7865615 down
IL21R-AS1	NR_037158	IL21R antisense RNA 1	-2.1568296 down	-2.1284125 down
			-3.0915384 down	-3.9829996 down
C15orf59	NM_001039614	chromosome 15 open reading frame 59	-5.095286 down	-3.7594361 down
TNC	NM_002160	tenascin C	-2.8688912 down	-3.2533302 down
MAP1LC3C	NM_001004343	microtubule-associated protein 1 light chain 3 gamma	-4.9354134 down	-2.7137017 down
SDCBP2	NM_080489	syndecan binding protein (syntenin) 2	-3.2117202 down	-4.48174 down
			-2.073658 down	-2.434551 down
			-3.0981166 down	-2.793236 down
ETV3	NM_001145312	ets variant 3	-5.5510178 down	-3.0406468 down
LPA	NM_005577	lipoprotein, Lp(a)	-2.8777912 down	-2.0264592 down
ERC2	NM_015576	ELKS/RAB6-interacting/CAST family member 2	-3.2305107 down	-2.3619015 down
TMEM52	NM_178545	transmembrane protein 52	-2.8768456 down	-5.5612707 down
TEX35		testis expressed 35	-5.3534317 down	-2.3776698 down
	BC025775		-3.1246405 down	-3.3646216 down
			-2.6537619 down	-4.065298 down
PTPRQ	NM_001145026	protein tyrosine phosphatase, receptor type, Q	-4.2192388 down	-3.1092496 down
SEMA6C	NM_030913	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6C	-4.878546 down	-5.4617624 down
LOC100130954	NR_034016	uncharacterized LOC100130954	-5.480152 down	-6.72411 down
			-4.794201 down	-3.1852295 down
DIO3	NM_001362	deiodinase, iodothyronine, type III	-5.387029 down	-4.2080483 down
LOC729159	NM_001282301	UPF0607 protein ENSP00000381418-like	-2.4853585 down	-2.254708 down
IFNA4	NM_021068	interferon, alpha 4	-3.0964239 down	-2.1906059 down
			-3.3436778 down	-3.3933635 down
PRAMEF5	NM_001013407	PRAME family member 5	-3.6232092 down	-2.5051455 down
ANO7	NM_001001891	anoctamin 7	-2.8737407 down	-3.3846624 down
			-3.64133 down	-5.701493 down
	BC085019		-3.6552308 down	-4.041795 down
LOC100130278	AK094114	uncharacterized LOC100130278	-2.7314095 down	-2.1353686 down
LOC728196	BC021736	uncharacterized LOC728196	-3.7549574 down	-3.0604086 down
CDH23	NM_052836	cadherin-related 23	-3.1131163 down	-3.5766797 down
TP53AIP1	NM_001195195	tumor protein p53 regulated apoptosis inducing protein 1	-6.3529067 down	-5.6300135 down
ZNF521	NM_015461	zinc finger protein 521	-5.4888496 down	-4.9204555 down
LOC100652869	XM_005254101	basic proline-rich protein-like	-3.5021257 down	-2.2566817 down
TMEM54	NM_033504	transmembrane protein 54	-3.1583796 down	-3.4771028 down
JAZF1-AS1	NR_034097	JAZF1 antisense RNA 1	-2.0210278 down	-2.2433896 down
			-3.9052703 down	-2.7800899 down

FBLL1	NR_024356 M27336	fibrillar-like 1	-2.1588242 down -5.0882497 down -3.0497742 down	-2.3722076 down -3.7871387 down -2.549752 down
LINC00693		long intergenic non-protein coding RNA 693	-2.5811281 down	-2.0339217 down
CELF6	NM_001172684	CUGBP, Elav-like family member 6	-2.3446755 down	-2.6516817 down
LOC100131048	AK125976	uncharacterized LOC100131048	-2.395401 down	-2.0402286 down
FAM183B	NR_028347	acyloxyacyl hydrolase (neutrophil)	-2.4139957 down	-2.2025957 down
OR2G2	NM_001001915	olfactory receptor, family 2, subfamily G, member 2	-5.1925764 down	-2.0096073 down
POTEI	NM_001277406	POTE ankyrin domain family, member I	-3.1637805 down -2.0912874 down	-4.067189 down -2.7782009 down
CCDC144A	NM_014695	coiled-coil domain containing 144A	-2.8149688 down	-2.0681257 down
GRID1	NM_017551	glutamate receptor, ionotropic, delta 1	-5.60282 down	-3.1634269 down
HNRNPA3	NM_194247	heterogeneous nuclear ribonucleoprotein A3	-3.1076338 down	-2.4045832 down
INSC	NM_001031853	inscuteable homolog (Drosophila)	-2.363814 down	-2.2724304 down
APOB	BC051278	apolipoprotein B	-2.3353279 down -3.0941298 down	-2.2254267 down -5.587338 down
XLOC_014512			-5.463075 down -5.4829135 down	-3.195272 down -5.6406894 down
C9orf84	XR_243752 NM_173521	chromosome 9 open reading frame 84	-5.6855555 down	-2.2580492 down
STARD9		STAR-related lipid transfer (START) domain containing 9	-3.0600054 down	-4.066877 down
GAMT	NM_138924	guanidinoacetate N-methyltransferase	-2.1603847 down	-3.1134667 down
XLOC_012299			-3.5615017 down	-3.5790865 down
PYCR1	NM_006907 AY461701	pyrroline-5-carboxylate reductase 1	-2.239936 down -5.131562 down	-2.8095202 down -4.0095925 down
CLDN3	NM_001306	claudin 3	-2.3323839 down	-2.3020046 down
PDZRN3	BC014432	PDZ domain containing ring finger 3	-3.8516345 down	-2.4092207 down
FFAR1	NM_005303	free fatty acid receptor 1	-2.783463 down -4.4301763 down	-2.0572886 down -3.677437 down
IL24	NM_001185156	interleukin 24	-2.484814 down -7.163365 down	-2.5446966 down -14.694345 down
AQP12A	NM_198998	aquaporin 12A	-2.710312 down	-2.184617 down
FLJ41327	AK123321	FLJ41327 protein	-4.333203 down	-2.5390434 down
TLL10-AS1	XR_132470	TLL10 antisense RNA 1	-2.3095708 down	-2.3826046 down
PRAMEF13	NM_001024661	PRAME family member 13	-2.5607765 down -3.0229836 down	-3.3176877 down -2.4075794 down
C21orf88	NR_026543	chromosome 21 open reading frame 88	-3.1558237 down	-3.1465907 down
ZNF502	NM_033210 AF116680	zinc finger protein 502	-2.2319617 down -3.204686 down	-2.3460853 down -2.1041095 down
XLOC_014512			-4.199353 down	-2.1084313 down
ZNF7	NM_001282796	zinc finger protein 7	-2.7727046 down	-2.479293 down
KCNE1	NM_000219	potassium voltage-gated channel, Isk-related family, member 1	-2.320797 down -3.609129 down	-2.353031 down -2.3282945 down
GATA1	AF190748	FGF2-associated protein GATA1	-4.1789336 down	-3.424499 down
CHSY3	NM_175856	chondroitin sulfate synthase 3	-2.85819 down	-2.0585327 down
LOC339874	NR_038976	uncharacterized LOC339874	-2.7612095 down	-3.359486 down
IGFL2	AK125754	IGF-like family member 2	-2.6383815 down -2.5658398 down	-2.1914747 down -2.1889653 down
MSLN	NM_005823	mesothelin	-3.9712124 down	-2.1629236 down
SYNGAP1	NM_006772	synaptic Ras GTPase activating protein 1	-2.5596788 down -2.423149 down	-2.3855743 down -2.4489183 down
DEFB109P1	NR_024044	defensin, beta 109, pseudogene 1	-3.2719843 down	-2.6331418 down
WDR96	NM_025145	WD repeat domain 96	-4.8922844 down	-3.6573246 down
USP49	NM_001286554	ubiquitin specific peptidase 49	-2.6954446 down	-2.0703204 down
FGD5	NM_152536	FYVE, RhoGEF and PH domain containing 5	-4.523561 down	-3.1576493 down
SGSM2	AK124883	small G protein signaling modulator 2	-3.5707347 down	-4.649883 down
FLT4	AB209637	fms-related tyrosine kinase 4	-2.0052538 down	-2.8877766 down
RNF216	AK128551	ring finger protein 216	-2.2064335 down	-3.6984475 down
VSX1	NM_001256272	visual system homeobox 1	-2.4522958 down	-3.3461142 down
NRG3	NM_001010848	neuregulin 3	-3.7313676 down	-2.1122186 down
STK16	NM_001008910	serine/threonine kinase 16	-4.1459317 down	-5.1239147 down
LINC00410		long intergenic non-protein coding RNA 410	-2.0326953 down	-3.2167509 down
TMCO5B		transmembrane and coiled-coil domains 5B, pseudogene	-2.8259728 down	-2.0207627 down

CD209	NM_021155	CD209 molecule	-3.5167131 down	-4.00072 down
NADK2	NM_001085411 AK309505	NAD kinase 2, mitochondrial	-2.4109905 down -3.0657148 down	-4.36624 down -3.4554362 down
LY6G5C	NM_025262	lymphocyte antigen 6 complex, locus G5C	-3.8617296 down	-9.029468 down
PSMB11	NM_001099780	proteasome (prosome, macropain) subunit, beta type, 11	-5.6147547 down	-2.034291 down
LOC100240734	NR_026657	uncharacterized LOC100240734	-2.2160983 down	-2.6423094 down
TAF1L	NM_153809 AF289570	TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 210kDa-like	-5.080518 down -4.5587263 down	-5.5881977 down -4.904358 down
C1orf210	NM_182517	chromosome 1 open reading frame 210	-4.7883873 down	-3.2689347 down
KLB	NM_175737	klotho beta	-2.282705 down	-2.7674081 down
LINC00273	NR_038368	long intergenic non-protein coding RNA 273	-5.749421 down	-11.5935135 down
ANKRD18DP	NR_003291	ankyrin repeat domain 18D, pseudogene	-3.2685976 down	-2.1356416 down
TRIM3	NM_006458	tripartite motif containing 3	-2.0928247 down	-2.016826 down
XKR6	NM_173683	XK, Kell blood group complex subunit-related family, member 6	-3.098491 down	-2.8963418 down
KALRN	NM_003947	kalirin, RhoGEF kinase	-4.3364773 down	-4.946721 down
NEBL		nebullette	-3.5314546 down	-2.6540837 down
ERC2-IT1	NR_024615	ERC2 intronic transcript 1 (non-protein coding)	-4.1177244 down	-3.9506292 down
MYLPF	NM_013292	myosin light chain, phosphorylatable, fast skeletal muscle	-2.7917573 down	-2.8975496 down
MAGEA2B	NM_153488	melanoma antigen family A, 2B	-6.062839 down	-3.042379 down
FAM110D	NM_024869	family with sequence similarity 110, member D	-2.3871846 down	-2.0276973 down
SCGB2B3P	BC114619	secretoglobin, family 2B, member 3, pseudogene	-3.2321026 down	-2.5438118 down
DEFB130	NM_001037804	defensin, beta 130	-3.6249826 down	-2.711161 down
HSPG2	NM_005529	heparan sulfate proteoglycan 2	-3.78184 down	-3.7379262 down
TRPM3	NM_001007471	transient receptor potential cation channel, subfamily M, member 3	-2.3731909 down	-2.509547 down
ACKR2	NM_001296	atypical chemokine receptor 2	-5.3267617 down	-2.5091977 down
MTHFD2P1		methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase pseudogene 1	-3.1037102 down	-2.1858025 down
	AK054980		-2.38821 down	-2.2069337 down
MAGEA4	NM_002362	melanoma antigen family A, 4	-4.6131377 down	-2.1924 down
MYOD1	NM_002478	myogenic differentiation 1	-4.8791566 down	-7.1367836 down
RBM10	AK098115	RNA binding motif protein 10	-3.2416704 down	-2.5255873 down
SLC28A1	NM_201651	solute carrier family 28 (concentrative nucleoside transporter), member 1	-4.0050144 down	-2.9468334 down
			-2.3254492 down	-4.1608076 down
ANKRD30BP2	NR_026916	ankyrin repeat domain 30B pseudogene 2	-2.039451 down	-2.7637517 down
KDM2B	AB031230	lysine (K)-specific demethylase 2B	-3.9652858 down -4.221551 down	-2.3524652 down -2.8000383 down
			-3.4848704 down	-2.2860525 down
UBE2Q2P3	NR_024474	ubiquitin-conjugating enzyme E2Q family member 2 pseudogene 3	-4.638243 down	-2.3396132 down
	AY927536		-3.1960142 down	-2.0427396 down
DMRT3	NM_021240	doublesex and mab-3 related transcription factor 3	-6.351967 down	-3.0700583 down
			-4.0810723 down	-3.3692966 down
GALP	NM_033106	galanin-like peptide	-2.1908662 down	-2.3076105 down
FBXO44	NM_001014765	F-box protein 44	-2.466258 down	-3.7377772 down
SDK2	NM_001144952	sidekick cell adhesion molecule 2	-2.7065814 down -2.8158572 down	-2.5141318 down -2.526869 down
			-3.9913695 down	-3.1192315 down
LRRC3C	NM_001195545	leucine rich repeat containing 3C	-2.8349178 down	-2.158264 down
C9orf117	BC133027	chromosome 9 open reading frame 117	-3.4086435 down	-3.2173495 down
PTGER4P2-CDK2AP2P2	NR_024496	PTGER4P2-CDK2AP2P2 readthrough transcribed pseudogene	-2.4928596 down	-3.0705323 down
KRTAP29-1	NM_001257309	keratin associated protein 29-1	-2.6373148 down -4.324224 down	-2.3721492 down -2.6186666 down
			-2.6373143 down	-2.5506198 down
	CU677870		-3.519375 down	-2.3017318 down
UCA1	NR_015379	urothelial cancer associated 1 (non-protein coding)	-2.7921085 down -4.126632 down	-2.8168876 down -4.000587 down
AKNA	NM_030767	AT-hook transcription factor	-3.446541 down	-5.454889 down
ATP4A	NM_000704	ATPase, H+/K+ exchanging, alpha polypeptide	-3.3158548 down	-2.286891 down
LOC100128402	AK124574	uncharacterized LOC100128402	-2.382179 down	-2.8967838 down

DEFB132	NM_207469	defensin, beta 132	-4.181409 down	-2.4618776 down
SNX31	NM_152628	sorting nexin 31	-4.377163 down	-2.1604326 down
LOC283501	AK093292	uncharacterized LOC283501	-5.249557 down	-3.187564 down
PTCHD2	NM_020780	patched domain containing 2	-2.156919 down	-2.1074114 down
XLOC_005165			-4.537724 down	-5.123204 down
PTPRF	BC048416	protein tyrosine phosphatase, receptor type, F	-2.859115 down	-6.87335 down
ZNF550	NM_001277092	zinc finger protein 550	-2.166701 down	-2.3173168 down
HYALP1		hyaluronoglucosaminidase pseudogene 1	-8.469493 down	-4.87453 down
PASD1	NM_173493	PAS domain containing 1	-3.7638307 down	-3.107486 down
	AK096239		-2.143118 down	-2.659365 down
	AK310283		-2.2995627 down	-2.2905316 down
	BC022023		-5.1547475 down	-3.3703258 down
			-2.6670568 down	-2.3039758 down
KCNQ2	NM_004518	potassium voltage-gated channel, KQT-like subfamily, member 2	-2.07185 down	-2.6802337 down
			-5.377821 down	-4.353743 down
OR56A4	NM_001005179	olfactory receptor, family 56, subfamily A, member 4	-2.6277683 down	-3.442417 down
COL9A1	NM_001851	collagen, type IX, alpha 1	-2.2062743 down	-2.5184052 down
MYCBPAP	NM_032133	MYCBP associated protein	-2.0877862 down	-2.5466025 down
KCNV2	NM_133497	potassium channel, subfamily V, member 2	-2.68557 down	-3.276973 down
PRAMEF3	NM_001013692	PRAME family member 3	-2.673795 down	-2.3842094 down
ARHGAP36	NM_144967	Rho GTPase activating protein 36	-3.3971918 down	-2.4338784 down
POU5F1	NM_002701	POU class 5 homeobox 1	-3.039562 down	-2.5848484 down
IPO7	NM_006391	importin 7	-2.3144677 down	-2.1834571 down
LOC100132071	AK128253	uncharacterized LOC100132071	-2.5642095 down	-2.3124185 down
FLJ37786	XR_108343	uncharacterized LOC642691	-4.030967 down	-4.214188 down
FLJ43903		uncharacterized LOC401471	-13.164824 down	-17.184885 down
			-4.0000906 down	-4.050142 down
OR2Y1	NM_001001657	olfactory receptor, family 2, subfamily Y, member 1	-2.5017567 down	-2.3281872 down
			-2.2851682 down	-4.3974977 down
SLC30A3	NM_003459	solute carrier family 30 (zinc transporter), member 3	-2.101825 down	-3.165658 down
BDNF-AS	NR_002832	BDNF antisense RNA	-3.6844656 down	-3.3081436 down
CDH18	NM_004934	cadherin 18, type 2	-3.7692652 down	-3.1158633 down
SGCD	NM_000337	sarcoglycan, delta (35kDa dystrophin-associated glycoprotein)	-5.0472403 down	-5.716335 down
ABCB11	NM_003742	ATP-binding cassette, sub-family B (MDR/TAP), member 11	-2.037655 down	-2.027744 down
FAM71F1	NM_032599	family with sequence similarity 71, member F1	-2.6675453 down	-2.8818603 down
PRDM15	NM_022115	PR domain containing 15	-2.1434133 down	-2.5705073 down
NUGGC	NM_001010906	nuclear GTPase, germinal center associated	-3.313941 down	-2.86587 down
CYP24A1	NM_000782	cytochrome P450, family 24, subfamily A, polypeptide 1	-6.168156 down	-2.2484956 down
MUM1	NM_032853	melanoma associated antigen (mutated) 1	-3.3921714 down	-2.1086583 down
HELZ2	NM_001037335	helicase with zinc finger 2, transcriptional coactivator	-2.6748044 down	-6.1510987 down
XLOC_011569			-3.9999313 down	-3.532509 down
			-6.1922946 down	-3.6665282 down
SYNDIG1L	NM_001105579	synapse differentiation inducing 1-like	-3.2151628 down	-4.2930007 down
VSX1	NM_014588	visual system homeobox 1	-2.0182288 down	-2.0050478 down
CECR2	AF411609	cat eye syndrome chromosome region, candidate 2	-6.1551948 down	-4.5544186 down
LOC286154	AK096739	uncharacterized LOC286154	-3.5007787 down	-2.5067275 down
	AK172763		-3.6620286 down	-3.33453 down
SRPX2	NM_014467	sushi-repeat containing protein, X-linked 2	-3.4255567 down	-2.1659663 down
TRIM43	NM_138800	tripartite motif containing 43	-2.4109194 down	-2.4103746 down
LOC147646	NM_001193623	uncharacterized LOC147646	-2.1772976 down	-4.1407604 down
			-3.50995 down	-4.5689235 down
CPNE7	NM_014427	copine VII	-2.1578808 down	-2.0932019 down
OR4F6	NM_001005326	olfactory receptor, family 4, subfamily F, member 6	-4.400692 down	-2.498925 down
XLOC_014512			-3.2084534 down	-2.6798487 down
NTRK3-AS1	NR_038229	NTRK3 antisense RNA 1	-6.0013185 down	-3.1906116 down
HIP1R	XM_005253629	huntingtin interacting protein 1 related	-3.8472257 down	-3.9575086 down
LOC283270	AK091052	uncharacterized LOC283270	-3.8437066 down	-6.2427974 down
LOC101930441	XM_005276062	mucin-3A-like	-2.2318156 down	-3.0007043 down
GRIK2	NM_001166247	glutamate receptor, ionotropic, kainate 2	-3.3479972 down	-3.7389605 down
ADAMDEC1	NM_001145271	ADAM-like, decysin 1	-4.589097 down	-2.8370197 down
			-2.898056 down	-4.2263117 down

RNF157	NM_052916	ring finger protein 157	-4.5362597 down	-5.696053 down
C10orf129	NM_207321	chromosome 10 open reading frame 129	-2.8480814 down	-3.9808633 down
			-2.021194 down	-2.2515256 down
POM121L1P		POM121 transmembrane nucleoporin-like 1, pseudogene	-3.749679 down	-2.0600715 down
			-2.0854013 down	-4.2592173 down
OR2G3	NM_001001914	olfactory receptor, family 2, subfamily G, member 3	-2.0783615 down	-2.050878 down
SYT8	NM_138567	synaptotagmin VIII	-3.7881665 down	-2.3531735 down
OR7E37P	NR_002163	olfactory receptor, family 7, subfamily E, member 37 pseudogene	-7.010088 down	-5.2708173 down
LOC100130741	AK127222	uncharacterized LOC100130741	-2.6621487 down	-3.072275 down
FAM64A	NM_001195228	family with sequence similarity 64, member A	-3.9991457 down	-4.513279 down
LOC100130285	XR_243328	uncharacterized LOC100130285	-2.588497 down	-3.3794758 down
SEMA6C	NM_001178061	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6C	-3.974376 down	-3.451388 down
GOLGA8EP	NR_033350	golgin A8 family, member E, pseudogene	-2.9001524 down	-2.189271 down
NALCN	AK094390	sodium leak channel, non-selective	-2.681519 down	-3.0156343 down
C12orf50	NM_152589	chromosome 12 open reading frame 50	-3.4775212 down	-3.3261697 down
			-2.0930085 down	-2.0394537 down
			-4.577794 down	-2.3084831 down
LOC284412	NR_029390	uncharacterized LOC284412	-2.5856466 down	-2.5562716 down
	DA613845		-2.2043633 down	-3.3073323 down
OR11H6	NM_001004480	olfactory receptor, family 11, subfamily H, member 6	-2.7578084 down	-2.2350492 down
TRIM51	NM_032681	tripartite motif-containing 51	-3.021771 down	-2.4483905 down
GLP2R	NM_004246	glucagon-like peptide 2 receptor	-3.5124466 down	-2.654922 down
AMMECR1	NM_001171689	Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis chromosomal region gene 1	-2.861841 down	-3.9276004 down
KIAA0087	NR_022006	KIAA0087	-7.8302794 down	-7.228069 down
LOC100131581	AK092544	uncharacterized LOC100131581	-5.5654273 down	-2.8613105 down
KRTAP12-2	NM_181684	keratin associated protein 12-2	-2.8004386 down	-2.7637467 down
SLC34A2	NM_006424	solute carrier family 34 (type II sodium/phosphate cotransporter), member 2	-2.90975 down	-2.3184993 down
			-4.152239 down	-2.6399198 down
			-2.1294622 down	-2.5514452 down
FLJ44790	XR_109635	uncharacterized FLJ44790	-3.3191893 down	-2.7173836 down
	AB529268		-2.4113262 down	-2.2521598 down
	AK090448		-2.6160192 down	-2.1621234 down
PTH1R	NM_000316	parathyroid hormone 1 receptor	-2.1189172 down	-2.3096282 down
			-2.3642833 down	-2.1962855 down
	BC028053		-2.4468186 down	-3.2160168 down
MYH14	NM_001077186	myosin, heavy chain 14, non-muscle	-4.300755 down	-3.9846447 down
ZNF621	NM_198484	zinc finger protein 621	-2.906025 down	-3.3787754 down
SNAR-C3	BF570763	small ILF3/NF90-associated RNA C3	-6.8305964 down	-5.299424 down
XLOC_014512			-5.5697865 down	-4.396531 down
WDR64	NM_144625	WD repeat domain 64	-5.2395377 down	-3.1141214 down
SSTR4	NM_001052	somatostatin receptor 4	-2.3040757 down	-2.2098005 down
CHRM2	NM_001006630	cholinergic receptor, muscarinic 2	-2.2591429 down	-2.6866453 down
WFIKKN2	NM_175575	WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain containing 2	-3.320794 down	-4.5092516 down
			-2.8171134 down	-2.4341285 down
C17orf104	BC035159	chromosome 17 open reading frame 104	-2.8501248 down	-2.8974319 down
SUSD2	NM_019601	sushi domain containing 2	-2.470507 down	-2.9208345 down
AKAP12	NM_144497	A kinase (PRKA) anchor protein 12	-3.1571686 down	-2.039172 down
			-2.6902053 down	-2.8659291 down
CXCL14	NM_004887	chemokine (C-X-C motif) ligand 14	-4.384196 down	-2.5581894 down
			-4.000027 down	-2.7704477 down
MEGF8	NM_001271938	multiple EGF-like-domains 8	-2.224648 down	-3.1479897 down
EXD1	NM_152596	exonuclease 3'-5' domain containing 1	-2.7454815 down	-4.3647523 down
			-2.4035234 down	-2.8587263 down
MAML3	NM_018717	mastermind-like 3 (Drosophila)	-6.9032307 down	-15.053548 down
LAMA4	NM_001105207	laminin, alpha 4	-2.6171181 down	-4.858686 down
FLJ13773	AK023835	uncharacterized LOC246318	-3.1289072 down	-2.103998 down
NLGN2	NM_020795	neuroligin 2	-2.3548706 down	-2.5072322 down
			-4.491011 down	-2.7703223 down
MUC6	AK092533	mucin 6, oligomeric mucus/gel-forming	-3.4253206 down	-2.2798593 down

STH	NM_001007532	saitohin	-6.309312 down	-4.316842 down
			-3.9920168 down	-2.496098 down
HAAO		3-hydroxyanthranilate 3,4-dioxygenase	-5.3837333 down	-5.9729013 down
	AF068294		-4.2279806 down	-4.3153763 down
GNAL	NM_182978	guanine nucleotide binding protein (G protein), alpha activating activity polypeptide, olfactory type	-3.1100879 down	-2.8628473 down
PPP6R2	AK024148	protein phosphatase 6, regulatory subunit 2	-4.283714 down	-5.953941 down
UGT2B7	NM_001074	UDP glucuronosyltransferase 2 family, polypeptide B7	-3.3240469 down	-4.2031784 down
DBX1	NM_001029865	developing brain homeobox 1	-3.3425362 down	-2.674685 down
BUB1B	NM_001211	BUB1 mitotic checkpoint serine/threonine kinase B	-3.9039443 down	-4.010965 down
DDB1		damage-specific DNA binding protein 1, 127kDa	-3.287064 down	-2.6218011 down
LZTS1	NM_021020	leucine zipper, putative tumor suppressor 1	-2.017927 down	-2.11839 down
			-4.0435286 down	-3.8491814 down
SPPL2C	NM_175882	signal peptide peptidase like 2C	-3.5815568 down	-3.3487146 down
CLEC6A	NM_001007033	C-type lectin domain family 6, member A	-4.035783 down	-3.0251372 down
PARPBP	NM_017915	PARP1 binding protein	-5.487618 down	-7.67942 down
TRIM61	NM_001012414	tripartite motif containing 61	-2.4182298 down	-2.1925528 down
XLOC_008300			-2.6192105 down	-2.2568557 down
PRM2	NM_001286359	protamine 2	-2.3511887 down	-2.4658096 down
			-2.8285642 down	-2.1807523 down
TWIST1	NM_000474	twist family bHLH transcription factor 1	-2.9219046 down	-2.3576634 down
CELA3A	NM_005747	chymotrypsin-like elastase family, member 3A	-3.4059 down	-2.2357085 down
TCEB3C	NM_145653	transcription elongation factor B polypeptide 3C (elongin A3)	-9.024723 down	-8.311952 down
NRG2	AK124504	neuregulin 2	-2.7005093 down	-2.7202995 down
C6orf201	NM_001085401	chromosome 6 open reading frame 201	-2.4032972 down	-2.1229281 down
CIDEA	NM_001279	cell death-inducing DFFA-like effector a	-2.5417988 down	-5.287442 down
CHD5	NM_015557	chromodomain helicase DNA binding protein 5	-4.255513 down	-2.7657988 down
KRTAP10-4	NM_198687	keratin associated protein 10-4	-2.3867939 down	-4.6243157 down
NPL	BC034966	N-acetylneuraminatase pyruvate lyase (dihydrodipicolinate synthase)	-2.9103768 down	-2.38428 down
OVOL2	NM_021220	ovo-like zinc finger 2	-3.847198 down	-3.4602869 down
TMEM257	NM_004709	transmembrane protein 257	-4.6702285 down	-2.5168185 down
			-3.7606943 down	-3.6310387 down
DEFB136	NM_001033018	defensin, beta 136	-2.0803308 down	-2.5463066 down
MRP63	NM_024026	mitochondrial ribosomal protein 63	-4.125595 down	-2.5852232 down
TPT1-AS1	NR_024458	TPT1 antisense RNA 1	-2.1273007 down	-2.055494 down
NTF4	NM_006179	neurotrophin 4	-4.8414006 down	-2.2685297 down
FADS6	NM_178128	fatty acid desaturase 6	-3.189713 down	-5.106219 down
			-2.7428076 down	-2.7674096 down
	AK074630		-2.150738 down	-3.5783901 down
ZBTB12	NM_181842	zinc finger and BTB domain containing 12	-2.7510123 down	-2.2155778 down
CRYBB2P1		crystallin, beta B2 pseudogene 1	-3.8412104 down	-2.578034 down
AGMO	NM_001004320	alkylglycerol monooxygenase	-2.0152147 down	-2.9283755 down
BRSK1	NM_032430	BR serine/threonine kinase 1	-4.4639883 down	-3.3366559 down
	CU677925		-3.4826844 down	-2.1556482 down
NPW	NM_001099456	neuropeptide W	-3.3776999 down	-2.8928888 down
LMX1A	NM_177398	LIM homeobox transcription factor 1, alpha	-3.3338974 down	-2.7074177 down
GJA5	NM_005266	gap junction protein, alpha 5, 40kDa	-3.6569626 down	-2.4397182 down
			-2.6388934 down	-3.1679533 down
			-2.7665997 down	-2.2375312 down
OR4F4	NM_001004195	olfactory receptor, family 4, subfamily F, member 4	-2.8472764 down	-2.2719133 down
NUTM1	NM_175741	NUT midline carcinoma, family member 1	-4.030192 down	-3.0860043 down
LRP11	XM_005267168	low density lipoprotein receptor-related protein 11	-3.7708538 down	-2.8726544 down
			-2.2673814 down	-3.8446653 down
DNAAF2	NM_001083908	dynein, axonemal, assembly factor 2	-2.21681 down	-2.1570506 down
LOC100287225	NR_040075	uncharacterized LOC100287225	-4.758138 down	-2.439124 down
GVINP1	NR_003945	GTPase, very large interferon inducible pseudogene 1	-2.0340738 down	-2.1592197 down
HOMER1		homer homolog 1 (Drosophila)	-5.7913218 down	-3.095869 down
ROBO2	NM_002942	roundabout, axon guidance receptor, homolog 2 (Drosophila)	-4.7293706 down	-4.242307 down
GLI2	NM_005270	GLI family zinc finger 2	-2.6989348 down	-2.0886974 down
TGM7	NM_052955	transglutaminase 7	-2.994587 down	-2.6584141 down
ZNF749	NM_001023561	zinc finger protein 749	-3.815186 down	-2.2963426 down

FGF7		fibroblast growth factor 7	-5.7991605 down	-3.1798081 down
LOC100129518	NR_037166	uncharacterized LOC100129518	-4.2684283 down	-3.0518596 down
VWA5B2	NM_138345	von Willebrand factor A domain containing 5B2	-2.6401281 down	-2.3341541 down
MUC22	NM_001198815	mucin 22	-4.3170433 down	-2.1166081 down
NAG20	AF210649	NAG20	-9.043121 down	-10.061569 down
	AK129565		-4.1287208 down	-4.287017 down
MPP2	NM_001278381	membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2)	-2.1509416 down	-2.9756818 down
SOX10	NM_006941	SRY (sex determining region Y)-box 10	-2.0350943 down	-2.019094 down
LACTBL1	XM_003846622	lactamase, beta-like 1	-2.6398363 down	-2.4899201 down
FLJ46361		deleted in malignant brain tumors 1 pseudogene	-3.599743 down	-2.379761 down
LOC650293	NM_001040071	seven transmembrane helix receptor	-5.6999173 down	-3.1572661 down
ACSS3	NM_024560	acyl-CoA synthetase short-chain family member 3	-2.5697956 down	-2.8812094 down
	AF384996		-3.3046668 down	-3.1008523 down
P4HA2	NM_001017973	prolyl 4-hydroxylase, alpha polypeptide II	-2.3412817 down	-2.0589087 down
XLOC_014512			-2.1736803 down	-3.4896889 down
RHBDL2	NM_017821	rhomboid, veinlet-like 2 (Drosophila)	-3.181914 down	-2.0552807 down
BCL2L10	NM_020396	BCL2-like 10 (apoptosis facilitator)	-8.181561 down	-5.0572643 down
LINC00235	NR_024121	long intergenic non-protein coding RNA 235	-4.40941 down	-2.086108 down
LOC100128498	AK126742	uncharacterized LOC100128498	-2.9709055 down	-2.821145 down
	XM_001714385		-2.2547572 down	-3.4506288 down
RBM33	NM_053043	RNA binding motif protein 33	-2.0423963 down	-2.5258825 down
			-3.2855985 down	-3.0081782 down
CDX1	NM_001804	caudal type homeobox 1	-3.1783936 down	-2.900254 down
			-2.5416565 down	-3.316415 down
TXLNB		taxilin beta	-6.5075784 down	-2.9084172 down
	BC004968		-11.480335 down	-14.663246 down
CATSPER2		cation channel, sperm associated 2	-3.9929798 down	-5.412927 down
FAM9B	NM_205849	family with sequence similarity 9, member B	-2.8020952 down	-2.0680704 down
PHKG1	NM_001258459	phosphorylase kinase, gamma 1 (muscle)	-3.249507 down	-3.820593 down
VSX1	NM_199425	visual system homeobox 1	-2.022524 down	-2.3420432 down
	BC015443		-2.2768896 down	-3.1130645 down
SYPL2	NM_001040709	synaptophysin-like 2	-5.377401 down	-5.0311785 down
PTPRC	NM_002838	protein tyrosine phosphatase, receptor type, C	-2.037058 down	-2.4676294 down
			-2.864905 down	-3.6696165 down
FLJ13224	NR_026806	uncharacterized LOC79857	-2.764445 down	-3.3484845 down
GRIP1	NM_021150	glutamate receptor interacting protein 1	-3.5788162 down	-3.6491559 down
FGF3	NM_005247	fibroblast growth factor 3	-11.292002 down	-13.7881565 down
BCL2	NM_000657	B-cell CLL/lymphoma 2	-2.2831893 down	-2.037091 down
ADCY1	NM_021116	adenylate cyclase 1 (brain)	-4.2855544 down	-3.6959312 down
MRPS16	NM_016065	mitochondrial ribosomal protein S16	-3.8599627 down	-2.248775 down
			-3.9068456 down	-2.9753563 down
CPN2	NM_001080513	carboxypeptidase N, polypeptide 2	-2.4232342 down	-3.211302 down
			-3.1515028 down	-3.5383708 down
HOXA7	NM_006896	homeobox A7	-4.500766 down	-3.1903841 down
SUPT20HL1	NM_001136234	suppressor of Ty 20 homolog (S. cerevisiae)-like 1	-3.2862632 down	-4.0409393 down
			-5.885245 down	-4.13544 down
			-2.0515213 down	-2.275369 down
EML2	NM_012155	echinoderm microtubule associated protein like 2	-2.2590485 down	-2.432665 down
LOC100272216		uncharacterized LOC100272216	-3.3476305 down	-3.7766654 down
			-2.5488825 down	-2.5882592 down
PPAPDC1A	NM_001030059	phosphatidic acid phosphatase type 2 domain containing 1A	-3.092788 down	-2.0184798 down
MYL10	NM_138403	myosin, light chain 10, regulatory	-4.2693377 down	-2.9560215 down
DPM3	NM_018973	dolichyl-phosphate mannosyltransferase polypeptide 3	-2.650582 down	-2.4301288 down
SYTL5	NM_138780	synaptotagmin-like 5	-2.0972455 down	-2.0588367 down
AWAT2	NM_001002254	acyl-CoA wax alcohol acyltransferase 2	-2.1516817 down	-2.237796 down
			-2.5261834 down	-6.600277 down
ANP32A-IT1	NR_026808	ANP32A intronic transcript 1 (non-protein coding)	-4.6453705 down	-2.7897952 down
DST	NM_001723	dystonin	-2.146557 down	-3.4785645 down
CFHR4	NM_006684	complement factor H-related 4	-4.3196845 down	-2.4945016 down
NYAP2	NM_020864	neuronal tyrosine-phosphorylated phosphoinositide-3-kinase adaptor 2	-2.5273674 down	-2.1306896 down

SLC13A3	NM_001193339	solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 3	-3.0832705 down	-2.5012276 down
CNTN4	NM_175613	contactin 4	-3.6705587 down	-2.3370209 down
LINC00839	NR_026827	long intergenic non-protein coding RNA 839	-3.2451005 down	-2.203354 down
			-4.947109 down	-2.8130136 down
RFPL3S	NR_001450	RFPL3 antisense	-2.3393514 down	-2.4599001 down
PYY	NM_004160	peptide YY	-2.381993 down	-2.8745625 down
XLOC_014512			-7.3024993 down	-4.6487794 down
CCDC64B	NM_001103175	coiled-coil domain containing 64B	-7.086797 down	-8.239313 down
PDZD7	NM_001195263	PDZ domain containing 7	-3.483815 down	-2.757152 down
SORCS3	NM_014978	sortilin-related VPS10 domain containing receptor 3	-7.4999743 down	-4.1854196 down
LOC100129027	NR_038876	uncharacterized LOC100129027	-2.9324067 down	-2.3324537 down
CDC27	NM_001114091	cell division cycle 27	-3.3529873 down	-3.5207305 down
PSMD10		proteasome (prosome, macropain) 26S subunit, non-ATPase, 10	-11.659073 down	-4.215822 down
ZNF160	XM_005259381	zinc finger protein 160	-4.386037 down	-2.535495 down
KCNK13	NM_022054	potassium channel, subfamily K, member 13	-3.3013327 down	-4.140283 down
STAM	NM_003473	signal transducing adaptor molecule (SH3 domain and ITAM motif) 1	-2.2100203 down	-3.2446482 down
MPZ	NM_000530	myelin protein zero	-3.2613645 down	-2.3164196 down
ARMCX4		armadillo repeat containing, X-linked 4	-4.0474944 down	-4.506873 down
IL1RAPL1	NM_014271	interleukin 1 receptor accessory protein-like 1	-2.798176 down	-4.7195106 down
AK9	AK124171	adenylate kinase 9	-2.8478622 down	-2.4501972 down
PCNXL4	AK095489	pecanex-like 4 (Drosophila)	-8.512695 down	-3.2413363 down
FLNC	NM_001458	filamin C, gamma	-4.6592126 down	-2.333547 down
GRK1	NM_002929	G protein-coupled receptor kinase 1	-3.3471928 down	-2.9543786 down
C17orf72	NM_001164257	chromosome 17 open reading frame 72	-3.8624935 down	-4.932738 down
LOC286238	NM_001100111	uncharacterized LOC286238	-7.003478 down	-3.359222 down
CFL1P1		cofilin 1 (non-muscle) pseudogene 1	-5.7603097 down	-4.1626306 down
	BC131768		-6.988259 down	-14.568469 down
ST8SIA3	NM_015879	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 3	-2.3533812 down	-2.969064 down
C7orf13	NR_026865	chromosome 7 open reading frame 13	-4.130074 down	-3.7078924 down
SUSD2	NM_019601	sushi domain containing 2	-4.8122654 down	-3.070956 down
			-2.4343324 down	-4.772648 down
XLOC_014512			-4.8459706 down	-6.020332 down
SNAI2	NM_003068	snail family zinc finger 2	-3.4664352 down	-3.1396892 down
TSSK3	NM_052841	testis-specific serine kinase 3	-2.5004082 down	-2.4604442 down
KCNQ1DN		KCNQ1 downstream neighbor (non-protein coding)	-2.4163675 down	-2.7120717 down
DAAM2	BC078153	dishevelled associated activator of morphogenesis 2	-2.64459 down	-3.612623 down
SLC51B	NM_178859	solute carrier family 51, beta subunit	-4.014045 down	-3.0954852 down
UPK3A	NM_006953	uroplakin 3A	-3.8951068 down	-4.2959294 down
HNRNPU-AS1	NR_026778	HNRNPU antisense RNA 1	-2.090377 down	-2.758113 down
			-4.898429 down	-4.649454 down
KRTAP5-3	NM_001012708	keratin associated protein 5-3	-4.750036 down	-3.4099417 down
			-4.8345633 down	-3.400303 down
C2orf61	NM_173649	chromosome 2 open reading frame 61	-2.4952595 down	-4.651796 down
KCNT1	AK123276	potassium channel, subfamily T, member 1	-5.199707 down	-3.4384925 down
	XR_245740		-3.2351213 down	-3.3209505 down
CEACAM5	NM_004363	carcinoembryonic antigen-related cell adhesion molecule 5	-3.2936344 down	-2.1425428 down
			-3.8236752 down	-3.2922227 down
			-2.5795133 down	-2.3078423 down
TEX41		testis expressed 41 (non-protein coding)	-2.1533556 down	-2.6219852 down
CD164L2		CD164 sialomucin-like 2	-3.2204216 down	-2.5628273 down
			-4.3016853 down	-4.1499066 down
LOC100130193	AK096102	uncharacterized LOC100130193	-2.3975291 down	-4.886785 down
ADAMTSL1	NM_001040272	ADAMTS-like 1	-2.007045 down	-2.7540135 down
SLC35F1	NM_001029858	solute carrier family 35, member F1	-2.1552486 down	-2.722175 down
MMP24	NM_006690	matrix metalloproteinase 24 (membrane-inserted)	-3.4404671 down	-2.19764 down
NFIB	NM_005596	nuclear factor I/B	-3.01854 down	-2.010619 down
BTBD9	NM_052893	BTB (POZ) domain containing 9	-5.525792 down	-3.1878254 down
	AY203961		-4.81801 down	-2.5608068 down
C1orf86	AK054818	chromosome 1 open reading frame 86	-2.7995405 down	-4.3577604 down
			-4.967905 down	-4.784889 down

MGC34800	XR_110135	uncharacterized protein MGC34800	-2.4075873 down	-2.3042676 down
ZNF385C	AK128007	zinc finger protein 385C	-2.3752508 down	-4.192814 down
			-3.560824 down	-2.6761942 down
USP2	NM_004205	ubiquitin specific peptidase 2	-4.0459924 down	-2.1656077 down
	XR_244450		-4.0777574 down	-2.3239396 down
TUBG2	NM_016437	tubulin, gamma 2	-2.3899364 down	-3.9754875 down
XLOC_014512			-3.7147028 down	-2.9490306 down
MEP1A	NM_005588	mepirin A, alpha (PABA peptide hydrolase)	-2.7293026 down	-4.245633 down
SDC3	NM_014654	syndecan 3	-2.6710043 down	-2.348735 down
PTPRK	NM_002844	protein tyrosine phosphatase, receptor type, K	-2.1162932 down	-2.455539 down
TRAPPC3L	AK002042	trafficking protein particle complex 3-like	-3.0332775 down	-2.6196525 down
FCRL5	NM_001195388	Fc receptor-like 5	-2.545056 down	-5.0250344 down
	AK026419		-5.6002483 down	-2.4700818 down
LOC100131195	AK097743	uncharacterized LOC100131195	-2.0920508 down	-4.797982 down
			-2.7286146 down	-3.0460346 down
LEPROTL1	NM_001128208	leptin receptor overlapping transcript-like 1	-2.7332027 down	-4.4890656 down
RAB7A	AF119891	RAB7A, member RAS oncogene family	-3.1113956 down	-2.522849 down
			-5.0724645 down	-5.2356024 down
			-3.3808103 down	-2.2561421 down
			-2.9529443 down	-4.5816 down
DOK7	XM_005247956	docking protein 7	-2.4975963 down	-4.1738076 down
BIRC7	NM_022161	baculoviral IAP repeat containing 7	-2.1600926 down	-3.8651798 down
CHRNA2	NM_000742	cholinergic receptor, nicotinic, alpha 2 (neuronal)	-2.3879519 down	-4.3793488 down
IGFALS	NM_004970	insulin-like growth factor binding protein, acid labile subunit	-3.5575476 down	-3.3129983 down
			-2.8758028 down	-3.6051116 down
LOC388882	XR_109751	uncharacterized LOC388882	-2.563767 down	-3.3496366 down
HPX-2	X74861	homeobox HPX-2	-2.4647527 down	-3.8764646 down
			-2.8099236 down	-4.3805804 down
GPR52	NM_005684	G protein-coupled receptor 52	-3.045984 down	-2.719857 down
LOC401176	BC043001	uncharacterized LOC401176	-2.0356565 down	-2.3629441 down
	XR_132593		-5.3166018 down	-2.2071903 down
FAM215A	NR_026770	family with sequence similarity 215, member A (non-protein coding)	-2.2663 down	-2.3708618 down
TNRC6C	NM_001142640	trinucleotide repeat containing 6C	-2.366664 down	-3.187599 down
CDRT1	NM_006382	CMT1A duplicated region transcript 1	-3.6224349 down	-2.9550984 down
			-2.2238503 down	-2.8204217 down
PRDM15	NM_022115	PR domain containing 15	-3.539146 down	-2.4915326 down
LOC728586	XR_159059	hCG1981531	-4.7047973 down	-2.68227 down
DDX31	NM_138620	DEAD (Asp-Glu-Ala-Asp) box polypeptide 41	-2.4094048 down	-2.0697954 down
			-4.824043 down	-3.0591376 down
NANOS2	NM_001029861	nanos homolog 2 (Drosophila)	-2.2167985 down	-3.2480094 down
LOC100130417		uncharacterized LOC100130417	-2.2563155 down	-2.8546896 down
TRIM48	NM_024114	tripartite motif containing 48	-4.441204 down	-3.0246205 down
SERHL2	NM_014509	serine hydrolase-like 2	-3.8752592 down	-2.3131166 down
	CU692621		-2.2269025 down	-2.4917176 down
HMGB3	NM_005342	high mobility group box 3	-2.2475595 down	-2.2783196 down
	AK127494		-4.1838593 down	-3.993354 down
FBXL22	NM_203373	F-box and leucine-rich repeat protein 22	-2.4989083 down	-3.2706625 down
			-4.155539 down	-2.1899219 down
PHGR1	NM_001145643	proline/histidine/glycine-rich 1	-2.2858489 down	-2.3261058 down
LOC729159	NM_001282301	UPF0607 protein ENSP00000381418-like	-4.5937133 down	-4.1811337 down
LOC100134868	NR_004846	uncharacterized LOC100134868	-3.5268638 down	-2.9018774 down
ADARB2	AK289895	adenosine deaminase, RNA-specific, B2 (non-functional)	-2.7499673 down	-2.1572196 down
SLC22A13	NM_004256	solute carrier family 22 (organic anion/urate transporter), member 13	-4.99975 down	-8.378844 down
KLHL14	XM_005258322	kelch-like family member 14	-4.626692 down	-2.8605113 down
MAP4	NM_030885	microtubule-associated protein 4	-2.4157965 down	-3.695181 down
SNORA26	AI792523	small nucleolar RNA, H/ACA box 26	-2.7077954 down	-3.5881493 down
DNASE1	NM_005223	deoxyribonuclease I	-2.2552814 down	-2.3602126 down
GATA4	NM_002052	GATA binding protein 4	-3.0824058 down	-2.032713 down
FRG2C	NM_001124759	FSHD region gene 2 family, member C	-3.4860063 down	-4.7455025 down
ASIC2		acid-sensing (proton-gated) ion channel 2	-6.6445665 down	-3.7661602 down
XLOC_006444			-2.554289 down	-2.5732157 down

SNORA80	DB304787	small nucleolar RNA, H/ACA box 80	-3.5858228	down	-4.2207484	down
ZNF720	XM_005255752	zinc finger protein 720	-3.6915834	down	-2.0350087	down
XLOC_014512			-3.233398	down	-3.0234857	down
PDLIM4	NM_003687	PDZ and LIM domain 4	-3.2684553	down	-3.443663	down
GLTPD1	NM_001029885	glycolipid transfer protein domain containing 1	-3.2156906	down	-4.349214	down
			-2.7814844	down	-3.0453532	down
GALNTL6	NM_001034845	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 6	-3.1167448	down	-2.4416559	down
LOC100128946	NR_038944	uncharacterized LOC100128946	-2.2885587	down	-2.120539	down
C10orf91	NM_173541	chromosome 10 open reading frame 91	-2.6343257	down	-2.202203	down
			-6.7362247	down	-2.1661677	down
SH3GL3	AF036272	SH3-domain GRB2-like 3	-9.720975	down	-3.3240488	down
GABRE	NM_004961	gamma-aminobutyric acid (GABA) A receptor, epsilon	-5.865793	down	-4.76355	down
BRD7P3	NR_002730	bromodomain containing 7 pseudogene 3	-3.7400136	down	-3.635799	down
	XR_112948		-4.5553465	down	-2.3863375	down
			-5.201958	down	-2.5900695	down
FZD4	NM_012193	frizzled family receptor 4	-2.4081843	down	-2.6502554	down
OLFML3	NM_020190	olfactomedin-like 3	-3.3830307	down	-2.7830617	down
SH3BP5L	AK125138	SH3-binding domain protein 5-like	-3.603822	down	-4.087898	down
TECRL	NM_001010874	trans-2,3-enoyl-CoA reductase-like	-5.822932	down	-3.893835	down
MAGIX	NM_024859	MAGI family member, X-linked	-3.5742652	down	-2.5316963	down
LOC541473	NR_003602	FK506 binding protein 6, 36kDa pseudogene	-3.3182943	down	-2.1551108	down
SLC2A6	NM_017585	solute carrier family 2 (facilitated glucose transporter), member 6	-2.7849984	down	-2.6380157	down
SLC18A1	NM_001142325	solute carrier family 18 (vesicular monoamine transporter), member 1	-2.673114	down	-3.7324808	down
DNAJB3	NM_001001394	DnaJ (Hsp40) homolog, subfamily B, member 3	-6.209302	down	-4.1020045	down
PTGER1	NM_000955	prostaglandin E receptor 1 (subtype EP1), 42kDa	-5.4906716	down	-5.4921627	down
CAPN5	NM_004055	calpain 5	-2.9290805	down	-2.5296283	down
			-2.4156694	down	-2.2140472	down
			-2.5095646	down	-3.1748285	down
			-3.7195191	down	-2.0138168	down
			-4.727455	down	-4.1788774	down
ACTL7B	NM_006686	actin-like 7B	-3.5372226	down	-2.1480823	down
LOC441493	XR_246724	uncharacterized LOC441493	-4.1309505	down	-2.3391201	down
KRTAP4-5	NM_033188	keratin associated protein 4-5	-3.2040782	down	-2.0711207	down
CHIC1	NM_001039840	cysteine-rich hydrophobic domain 1	-2.3631287	down	-2.7092931	down
DNAJC14	NM_032364	DnaJ (Hsp40) homolog, subfamily C, member 14	-2.2589595	down	-2.3243752	down
	BC035844		-4.4034514	down	-5.0251207	down
PTGER4P2-CDK2AP2P2	NR_024496	PTGER4P2-CDK2AP2P2 readthrough transcribed pseudogene	-3.3345542	down	-3.8294752	down
SCN4B	NM_174934	sodium channel, voltage-gated, type IV, beta subunit	-2.3026211	down	-4.41341	down
HECW1-IT1	AK093262	HECW1 intronic transcript 1 (non-protein coding)	-4.673794	down	-2.8677733	down
ANKRD20A2	NM_001012421	ankyrin repeat domain 20 family, member A2	-4.2440553	down	-3.1776767	down
DPYSL3	NM_001387	dihydropyrimidinase-like 3	-5.1374197	down	-7.8794856	down
LINC00893		long intergenic non-protein coding RNA 893	-3.073363	down	-2.4553752	down
	AK091705		-3.2365527	down	-2.938854	down
NPAS3	NM_022123	neuronal PAS domain protein 3	-2.8375876	down	-2.5736332	down
RAP1GAP		RAP1 GTPase activating protein	-3.0960302	down	-3.8229792	down
FOXD4L2	NM_001099279	forkhead box D4-like 2	-3.7543197	down	-4.9400506	down
ROR1	NM_001083592	receptor tyrosine kinase-like orphan receptor 1	-2.3358982	down	-3.349082	down
JPH2	NM_020433	junctophilin 2	-2.3735423	down	-2.6826003	down
LOC100134368	NR_024453	uncharacterized LOC100134368	-5.7505503	down	-3.5742295	down
SERP1	AK125413	stress-associated endoplasmic reticulum protein 1	-2.510614	down	-2.0096798	down
ZNF667	NM_022103	zinc finger protein 667	-3.8506627	down	-3.8127968	down
			-2.5004954	down	-2.629157	down
			-5.3656635	down	-3.5300465	down
ASCL1	NM_004316	achaete-scute family bHLH transcription factor 1	-2.1384103	down	-2.3816438	down
KIAA1984	NM_001039374	KIAA1984	-3.7728004	down	-4.78533	down
UROC1	NM_144639	urocanate hydratase 1	-2.3174648	down	-2.5256565	down
DUOX2	NM_014080	dual oxidase 2	-2.4195597	down	-2.9561653	down
CDK13	NM_031267	cyclin-dependent kinase 13	-2.9897325	down	-2.6361322	down
KY	NM_178554	kyphoscoliosis peptidase	-3.153499	down	-2.494125	down
MMD2	NM_198403	monocyte to macrophage differentiation-associated 2	-3.5563962	down	-2.3638217	down

RNASE7	NM_032572	ribonuclease, RNase A family, 7	-3.441989 down	-3.0744746 down
FAM83G	NM_001039999	family with sequence similarity 83, member G	-3.7324202 down	-3.3051016 down
NR4A3	NM_173200	nuclear receptor subfamily 4, group A, member 3	-4.1451697 down	-2.4256346 down
SPACA4	NM_133498	sperm acrosome associated 4	-2.8797195 down	-2.8658245 down
FLJ16171	NR_046113	FLJ16171 protein	-4.456786 down	-3.077039 down
WDFY4	NM_020945	WDFY family member 4	-4.1682367 down	-6.073584 down
NRXN1	NM_004801	neurexin 1	-5.6087255 down	-6.327814 down
MAS1L	NM_052967	MAS1 oncogene-like	-2.1188357 down	-2.6141255 down
			-3.4498158 down	-2.8989537 down
C1orf94	NM_032884	chromosome 1 open reading frame 94	-4.2618175 down	-3.756665 down
EVC	NM_153717	Ellis van Creveld syndrome	-2.0444205 down	-2.7697384 down
PLA2G2F	NM_022819	phospholipase A2, group IIF	-4.5901465 down	-3.403952 down
MAST4	NM_198828	microtubule associated serine/threonine kinase family member 4	-2.270318 down	-3.4127192 down
MGC10814	BC004943	uncharacterized protein MGC10814	-2.8463356 down	-2.439593 down
CHKA	NM_001277	choline kinase alpha	-2.8922307 down	-3.3115492 down
			-2.3634236 down	-3.0070133 down
LOC729770	XR_112442	uncharacterized LOC729770	-4.0857825 down	-6.183721 down
			-4.771054 down	-2.9896858 down
	AK130290		-2.223409 down	-3.0822678 down
GDNF	NM_000514	glial cell derived neurotrophic factor	-3.3872845 down	-2.1684034 down
DYNC111	NM_004411	dynein, cytoplasmic 1, intermediate chain 1	-4.5076895 down	-3.1733766 down
POLQ	NM_199420	polymerase (DNA directed), theta	-3.473344 down	-3.7286987 down
ZDHHC14	NM_153746	zinc finger, DHHC-type containing 14	-2.2533472 down	-2.8085394 down
HSD3B1	NM_000862	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1	-4.3433223 down	-2.3151848 down
TSPAN15	NM_012339	tetraspanin 15	-2.7452376 down	-3.7497544 down
GOLGA6L5P		golgin A6 family-like 5, pseudogene	-6.9764524 down	-3.574765 down
LOC254099	NR_038869	uncharacterized LOC254099	-2.1583831 down	-2.1128137 down
			-4.833741 down	-3.0458848 down
LOC440570	BC036435	uncharacterized LOC440570	-3.3676214 down	-2.5759373 down
PTK2B	AK128371	protein tyrosine kinase 2 beta	-3.2689044 down	-5.003921 down
			-3.6835198 down	-2.0228636 down
TMEM213	NM_001085429	transmembrane protein 213	-3.141155 down	-2.7899535 down
ATP6VOA4	NM_020632	ATPase, H+ transporting, lysosomal V0 subunit a4	-3.362149 down	-2.221564 down
ZNF236	AF085243	zinc finger protein 236	-3.3924828 down	-3.1913104 down
LOC100128770	NR_047572	uncharacterized LOC100128770	-4.8236938 down	-2.5847692 down
PAQR3	BC031256	progesterone and adipoQ receptor family member III	-3.0193427 down	-4.154528 down
AP3B2	NM_004644	adaptor-related protein complex 3, beta 2 subunit	-2.860026 down	-3.4030423 down
PLA2G4F	NM_213600	phospholipase A2, group IVF	-3.1767044 down	-2.6701288 down
PAX3	NM_013942	paired box 3	-2.1487 down	-3.6595964 down
LOC100133306	AK125136	uncharacterized LOC100133306	-3.275926 down	-2.4206388 down
LRRTM2	NM_015564	leucine rich repeat transmembrane neuronal 2	-4.2407784 down	-2.1928859 down
GLOD5	NM_001080489	glyoxalase domain containing 5	-2.820592 down	-3.307993 down
ENTPD3	NM_001248	ectonucleoside triphosphate diphosphohydrolase 3	-2.487411 down	-3.190444 down
HOXD10	NM_002148	homeobox D10	-2.5739188 down	-2.7860587 down
GPR151	NM_194251	G protein-coupled receptor 151	-2.025946 down	-2.0616794 down
KRTAP7-1	NM_181606	keratin associated protein 7-1 (gene/pseudogene)	-4.4194274 down	-2.0595503 down
FHL2	CR936682	four and a half LIM domains 2	-4.855638 down	-3.5324337 down
PEG3-AS1	NR_023847	PEG3 antisense RNA 1	-5.20535 down	-2.824169 down
C7orf60	NM_152556	chromosome 7 open reading frame 60	-2.0350688 down	-2.3955445 down
KRTAP9-4	NM_033191	keratin associated protein 9-4	-3.8046248 down	-2.282601 down
MS4A2	NM_000139	membrane-spanning 4-domains, subfamily A, member 2	-2.1466374 down	-2.3528442 down
OTOG	XM_005252894	otogelin	-3.856835 down	-2.0336635 down
MOGAT1	NM_058165	monoacylglycerol O-acyltransferase 1	-3.0788498 down	-2.0775344 down
DCDC5	NM_020869	doublecortin domain containing 5	-5.717283 down	-2.1005309 down
SGSM1	NM_001039948	small G protein signaling modulator 1	-4.089707 down	-4.0712523 down
H1FOO	NM_153833	H1 histone family, member O, oocyte-specific	-2.4701095 down	-2.195511 down
HHIP1	NM_001127258	HHIP-like 1	-4.3807864 down	-2.9411142 down
PRSS27	NM_031948	protease, serine 27	-2.9303668 down	-2.892147 down
ADAD2	NM_139174	adenosine deaminase domain containing 2	-3.2303932 down	-2.6538084 down
EGFLAM	NM_152403	EGF-like, fibronectin type III and laminin G domains	-2.069753 down	-2.8712275 down
IL21	NM_021803	interleukin 21	-3.9880693 down	-2.505085 down
			-6.566463 down	-3.3438714 down

C12orf77	NM_001101339	chromosome 12 open reading frame 77	-3.431409 down	-2.3369946 down
PRPF40B	NM_001031698	PRP40 pre-mRNA processing factor 40 homolog B (S. cerevisiae)	-2.0940976 down	-2.1412349 down
KRTAP13-3	NM_181622	keratin associated protein 13-3	-3.7251003 down	-2.4094756 down
SHANK2	NM_012309	SH3 and multiple ankyrin repeat domains 2	-2.6133018 down	-3.990878 down
LOC100129840	AK126633	uncharacterized LOC100129840	-2.0743992 down	-2.2003484 down
SAMM50	AK124895	SAMM50 sorting and assembly machinery component	-2.8685935 down	-2.794607 down
			-3.4017203 down	-4.5553555 down
GRIK1-AS1	NR_027021	GRIK1 antisense RNA 1	-4.528228 down	-4.8278446 down
IGF1	NM_000618	insulin-like growth factor 1 (somatomedin C)	-4.2389855 down	-2.6714737 down
SMPDL3B	NM_001009568	sphingomyelin phosphodiesterase, acid-like 3B	-2.100032 down	-2.5115447 down
DEFB115	NM_001037730	defensin, beta 115	-4.099375 down	-2.3854241 down
MIR503HG	NR_024607	MIR503 host gene (non-protein coding)	-4.262186 down	-2.8313148 down
			-2.6794598 down	-3.501977 down
TAS2R13	NM_023920	taste receptor, type 2, member 13	-2.197716 down	-6.0611205 down
C9orf92	NM_001271829	chromosome 9 open reading frame 92	-2.1804469 down	-2.2791998 down
C1QTNF1	NM_198594	C1q and tumor necrosis factor related protein 1	-3.4386747 down	-3.01527 down
RNF212	NM_001131034	ring finger protein 212	-3.345049 down	-2.3526158 down
SOGA1	NM_199181	suppressor of glucose, autophagy associated 1	-2.5017445 down	-3.131229 down
FAM134A	NM_024293	family with sequence similarity 134, member A	-2.3377404 down	-2.2635784 down
			-2.5455604 down	-3.0650012 down
SOX21	NM_007084	SRX (sex determining region Y)-box 21	-4.509207 down	-3.1146472 down
OR4F29	NM_001005221	olfactory receptor, family 4, subfamily F, member 29	-5.0110016 down	-2.3857095 down
TREH	NM_007180	trehalase (brush-border membrane glycoprotein)	-2.1237082 down	-3.3082974 down
LOC440040	NR_027044	glutamate receptor, metabotropic 5 pseudogene	-4.0887885 down	-2.1251934 down
DMBX1	NM_147192	diencephalon/mesencephalon homeobox 1	-2.1984198 down	-2.8457117 down
C20orf166-AS1	AK054875	C20orf166 antisense RNA 1	-6.636039 down	-3.8827298 down
CASR	NM_001178065	calcium-sensing receptor	-3.831848 down	-2.2855563 down
EGFR	NM_201282	epidermal growth factor receptor	-2.252608 down	-3.1577954 down
LOC653712	NR_034179	intraflagellar transport 122 homolog (Chlamydomonas) pseudogene	-3.9754863 down	-4.171725 down
AGBL1	NM_152336	ATP/GTP binding protein-like 1	-2.53444 down	-2.045469 down
	XR_244723		-5.293987 down	-2.8013902 down
DEFB123	NM_153324	defensin, beta 123	-2.2521536 down	-2.784746 down
FN1	NM_054034	fibronectin 1	-4.186497 down	-2.2919369 down
CTSL3P	NR_027917	cathepsin L family member 3, pseudogene	-3.8634944 down	-3.0742848 down
LOC100128079	XR_243370	uncharacterized LOC100128079	-2.8896449 down	-3.0410738 down
			-4.901936 down	-2.6380951 down
			-2.478083 down	-3.6973255 down
BACE1	NM_012104	beta-site APP-cleaving enzyme 1	-3.6266146 down	-4.215377 down
KCNIP2	NM_173197	Kv channel interacting protein 2	-3.4221997 down	-2.0455768 down
TBC1D24	NM_020705	TBC1 domain family, member 24	-3.6651707 down	-2.0904098 down
PCA3	NR_015342	prostate cancer antigen 3 (non-protein coding)	-7.6312537 down	-3.2699623 down
PLA2G4D	NM_178034	phospholipase A2, group IVD (cytosolic)	-4.1246085 down	-2.7543018 down
			-4.4280047 down	-4.814678 down
GJC3	NM_181538	gap junction protein, gamma 3, 30.2kDa	-4.5795345 down	-7.2663884 down
			-2.112227 down	-2.6411629 down
WFDC5	NM_145652	WAP four-disulfide core domain 5	-4.577946 down	-5.2364945 down
LRRC14B	NM_001080478	leucine rich repeat containing 14B	-5.5541577 down	-4.1470437 down
LOC388849	NM_001243537	uncharacterized LOC388849	-3.8001928 down	-2.9330778 down
			-4.2258434 down	-3.5745382 down
BAD	AK309150	BCL2-associated agonist of cell death	-2.9449153 down	-2.5891025 down
			-2.0221806 down	-3.2103443 down
SPRR2C	NR_003062	small proline-rich protein 2C (pseudogene)	-4.56502 down	-5.268663 down
	BC029043		-4.4780912 down	-2.434501 down
LOC646652	XR_241774	integral membrane glycoprotein-like	-2.987425 down	-4.879596 down
LOC100128320	AK125438	uncharacterized LOC100128320	-5.8658676 down	-5.204045 down
MCCD1	NM_001011700	mitochondrial coiled-coil domain 1	-2.3733726 down	-2.6316607 down
SLC22A12	NM_144585	solute carrier family 22 (organic anion/urate transporter), member 12	-3.0122786 down	-2.382098 down
GPRC6A	NM_148963	G protein-coupled receptor, family C, group 6, member	-3.2741032 down	-2.0084155 down
LOC257152	AK001439	uncharacterized LOC257152	-3.951049 down	-4.5231023 down
LOC644083	XR_112044	uncharacterized LOC644083	-3.2993798 down	-2.031323 down
KIF18B	NM_001265577	kinesin family member 18B	-4.905325 down	-2.4329178 down

	AK127601		-8.0969925	down	-7.013296	down
FAM182B	NR_027061	family with sequence similarity 182, member B	-7.0808654	down	-4.446895	down
			-2.0131373	down	-2.805535	down
LOC645427	AK094407	uncharacterized LOC645427	-5.1247487	down	-2.940977	down
LOC646034	AK125175	uncharacterized LOC646034	-2.9871988	down	-2.8623116	down
SLC22A6	NM_153277	solute carrier family 22 (organic anion transporter), member 6	-2.112785	down	-3.6926575	down
OR2L3	NM_001004687	olfactory receptor, family 2, subfamily L, member 3	-2.5190835	down	-3.0904346	down
LOC284379		solute carrier family 7 (cationic amino acid transporter, y+ system), member 3 pseudogene	-3.352311	down	-2.5896008	down
LOC728093	XR_133401	putative POM121-like protein 1-like	-2.4229887	down	-3.1270144	down
LOC339240	NR_001443	keratin 17 pseudogene	-3.3057435	down	-2.251825	down
DNM1	AB209124	dynamitin 1	-4.179987	down	-5.9209957	down
OR1K1	NM_080859	olfactory receptor, family 1, subfamily K, member 1	-2.5619006	down	-2.29827	down
TMEM239	NM_001167670	transmembrane protein 239	-3.2283669	down	-2.354593	down
LOC646743	NR_033930	uncharacterized LOC646743	-7.533138	down	-6.9335494	down
TNNT2	NM_000364	troponin T type 2 (cardiac)	-6.3595967	down	-3.6965022	down
KLK15	NM_017509	kallikrein-related peptidase 15	-4.519163	down	-2.576642	down
C9orf152	NM_001012993	chromosome 9 open reading frame 152	-3.7276387	down	-2.067756	down
SCGB1D2	NM_006551	secretoglobin, family 1D, member 2	-2.8465605	down	-2.367468	down
PRKG2	NM_006259	protein kinase, cGMP-dependent, type II	-3.4355297	down	-2.108568	down
ANKRD20A12P	NR_046228	ankyrin repeat domain 20 family, member A12, pseudogene	-4.8926783	down	-6.3074183	down
BBIP1	AK125829	BBSome interacting protein 1	-3.6637754	down	-2.659356	down
			-3.9294705	down	-4.5740514	down
			-3.3030953	down	-4.9121447	down
FLJ30403	NR_034159	uncharacterized LOC729975	-2.3147686	down	-5.3173976	down
PRR20B	NM_001130404	proline rich 20B	-3.0119767	down	-2.647472	down
	AI218952		-4.497109	down	-3.341208	down
			-2.5083578	down	-2.7077096	down
			-2.198738	down	-2.3534725	down
MUC13	NM_033049	mucin 13, cell surface associated	-13.06234	down	-6.926307	down
TTYT14	NR_001543	testis-specific transcript, Y-linked 14 (non-protein coding)	-3.7363346	down	-2.7651021	down
NT5E	NM_002526	5'-nucleotidase, ecto (CD73)	-3.0897279	down	-2.1316285	down
C2orf66	NM_213608	chromosome 2 open reading frame 66	-3.142606	down	-2.7817643	down
RFPL4AL1	NM_001277397	ret finger protein-like 4A-like 1	-3.8857641	down	-2.625456	down
GUCA1A	AK125780	guanylate cyclase activator 1A (retina)	-2.5478992	down	-2.2565725	down
CELA3A	AK308514	chymotrypsin-like elastase family, member 3A	-3.7255614	down	-5.3999424	down
	XM_005253817		-3.7453048	down	-3.0245314	down
DKK3	NM_015881	dickkopf WNT signaling pathway inhibitor 3	-3.3695397	down	-5.5479383	down
MYL3	NM_000258	myosin, light chain 3, alkali; ventricular, skeletal, slow	-5.2481933	down	-3.9522247	down
LOC101928125		major seminal plasma glycoprotein PSP-I-like	-3.309607	down	-3.6487744	down
SLC8A2	NM_015063	solute carrier family 8 (sodium/calcium exchanger), member 2	-3.363458	down	-3.599214	down
			-4.144339	down	-2.4550724	down
			-2.9484534	down	-2.266612	down
ASTL	NM_001002036	astacin-like metallo-endopeptidase (M12 family)	-4.6552873	down	-5.6348124	down
FAM47A	NM_203408	family with sequence similarity 47, member A	-2.3044775	down	-2.873728	down
OR2T1	NM_030904	olfactory receptor, family 2, subfamily T, member 1	-4.5176363	down	-2.457143	down
KCNJ13	NM_002242	potassium inwardly-rectifying channel, subfamily J, member 13	-6.919588	down	-3.466033	down
LINC00544		long intergenic non-protein coding RNA 544	-5.5293097	down	-3.2540586	down
	AK123300		-2.1097949	down	-2.0487065	down
LAMA4	NM_001105206	laminin, alpha 4	-6.2213125	down	-5.1228747	down
BCL2L15	NM_001010922	BCL2-like 15	-4.6121244	down	-3.1335475	down
SIGLEC17P	NR_047529	sialic acid binding Ig-like lectin 17, pseudogene	-3.6782072	down	-5.5102215	down
DOC2B	NM_003585	double C2-like domains, beta	-2.4733732	down	-2.101427	down
VKORC1	AK125618	vitamin K epoxide reductase complex, subunit 1	-2.8217468	down	-3.1096578	down
			-5.2779803	down	-5.4172783	down
LOC100652824	NM_001277372	uncharacterized protein KIAA2012	-3.4607103	down	-2.028815	down
ACSM5		acyl-CoA synthetase medium-chain family member 5	-5.2238708	down	-3.1996808	down
LINC00893	NR_027455	long intergenic non-protein coding RNA 893	-4.117779	down	-3.4121733	down
			-2.243266	down	-4.2110543	down
			-2.0180762	down	-3.2585142	down

			-3.647513 down	-2.1952505 down
SLC9A5	NM_004594	solute carrier family 9, subfamily A (NHE5, cation proton antiporter 5), member 5	-3.5455575 down	-2.5307686 down
			-2.1661193 down	-3.3831615 down
SPANXA1	NM_013453	sperm protein associated with the nucleus, X-linked, family member A1	-5.5813317 down	-3.1174965 down
MYH15	NM_014981	myosin, heavy chain 15	-3.7967823 down	-2.0230348 down
ATP4B	NM_000705	ATPase, H+/K+ exchanging, beta polypeptide	-2.11136 down	-3.2286546 down
			-8.568361 down	-5.982001 down
C9orf96	NM_153710	chromosome 9 open reading frame 96	-2.8538926 down	-2.5803359 down
FHAD1	NM_052929	forkhead-associated (FHA) phosphopeptide binding domain 1	-2.3698392 down	-2.1333544 down
ZNRD1-AS1	NR_026751	ZNRD1 antisense RNA 1	-3.3367116 down	-5.032544 down
			-2.6221402 down	-3.5694723 down
BMP10	NM_014482	bone morphogenetic protein 10	-2.3684022 down	-2.414793 down
PPAN-P2RY11	NM_001040664	PPAN-P2RY11 readthrough	-2.059526 down	-4.0220838 down
SPRY4	NM_030964	sprouty homolog 4 (Drosophila)	-3.192514 down	-2.0099323 down
HAPLN1	NM_001884	hyaluronan and proteoglycan link protein 1	-3.4948018 down	-2.2465894 down
			-3.942514 down	-2.542598 down
LYPD6	NM_001195685	LY6/PLAUR domain containing 6	-5.629027 down	-3.7093213 down
			-4.394614 down	-2.8566647 down
CST1	NM_001898	cystatin SN	-2.9084961 down	-2.5339808 down
SYNGAP1	NM_006772	synaptic Ras GTPase activating protein 1	-3.5952303 down	-2.971704 down
LOC647983	AK126828	uncharacterized LOC647983	-2.9117491 down	-4.001189 down
SMPX	NM_014332	small muscle protein, X-linked	-4.408218 down	-2.355111 down
TMEM191B	NM_001242313	transmembrane protein 191B	-3.9663272 down	-2.428717 down
TRIM31	NM_007028	tripartite motif containing 31	-4.3925486 down	-2.069862 down
	BC066548		-3.7657835 down	-2.1639297 down
GCM2	NM_004752	glial cells missing homolog 2 (Drosophila)	-8.538396 down	-4.5928836 down
SPDYE3	NM_001004351	speedy/RINGO cell cycle regulator family member E3	-9.048894 down	-5.2403007 down
C17orf47	NM_001038704	chromosome 17 open reading frame 47	-5.22768 down	-4.134124 down
C20orf112	NM_001256798	chromosome 20 open reading frame 112	-4.7333417 down	-3.826094 down
OLIG3	NM_175747	oligodendrocyte transcription factor 3	-4.4394217 down	-3.3683784 down
CELF5	NM_021938	CUGBP, Elav-like family member 5	-2.000706 down	-2.1728947 down
LOC100131831	AK129685	uncharacterized LOC100131831	-3.3401163 down	-2.1375268 down
			-3.3350067 down	-7.518144 down
OR2M5	NM_001004690	olfactory receptor, family 2, subfamily M, member 5	-6.7175207 down	-5.429307 down
FGF18	NM_003862	fibroblast growth factor 18	-3.16828 down	-2.57209 down
HOXB5	NM_002147	homeobox B5	-3.5866268 down	-3.2419593 down
LOC731656	NR_027454	uncharacterized LOC731656	-3.5993297 down	-2.717006 down
MS4A15	NM_001098835	membrane-spanning 4-domains, subfamily A, member 15	-5.9790115 down	-2.134461 down
CNTN2	NM_005076	contactin 2 (axonal)	-2.3980975 down	-4.524108 down
GPR133	NM_198827	G protein-coupled receptor 133	-2.1164494 down	-3.0372365 down
SLC7A14	NM_020949	solute carrier family 7, member 14	-4.6224732 down	-2.4758465 down
	CU687439		-2.6724308 down	-2.1815228 down
COL4A1	NM_001845	collagen, type IV, alpha 1	-5.886313 down	-4.864076 down
			-3.6251414 down	-2.1866405 down
ZC3H10	NM_032786	zinc finger CCCH-type containing 10	-2.0510392 down	-2.6616583 down
TGFB2	NM_003238	transforming growth factor, beta 2	-3.055837 down	-2.0163758 down
LOC644662		uncharacterized LOC644662	-4.680299 down	-2.0723808 down
C3orf20	NM_032137	chromosome 3 open reading frame 20	-4.7395577 down	-3.0207899 down
SVOP1	NM_174959	SVOP-like	-4.290916 down	-2.2200868 down
PSMB7		proteasome (prosome, macropain) subunit, beta type, 7	-2.6602936 down	-2.0117671 down
	AF001893		-4.0939503 down	-2.8376615 down
	XR_109656		-5.778005 down	-3.221395 down
AHNAK2	NM_138420	AHNAK nucleoprotein 2	-4.3639317 down	-3.2539978 down
SELV	NM_182704	selenoprotein V	-5.2477098 down	-3.2637463 down
GYG2	NM_001184703	glycogenin 2	-2.709407 down	-2.4951386 down
C11orf95	NM_001144936	chromosome 11 open reading frame 95	-2.1004827 down	-2.8758984 down
SSX4B	NM_001034832	synovial sarcoma, X breakpoint 4B	-9.031811 down	-5.78702 down
TDRD3	BC020604	tudor domain containing 3	-5.1527405 down	-3.1269019 down
TOX2	NM_032883	TOX high mobility group box family member 2	-3.155693 down	-2.1438344 down
	XM_005254829		-3.8228116 down	-2.3832526 down

MGC20647	BC008289	uncharacterized protein MGC20647	-3.8994372 down	-3.140553 down
			-2.648222 down	-2.009179 down
			-3.6317687 down	-3.9271653 down
MIXL1	NM_001282402	Mix paired-like homeobox	-3.0936568 down	-2.4086452 down
CES3	NM_024922	carboxylesterase 3	-3.923915 down	-3.7508008 down
CDRT15P2	CF272591	CMT1A duplicated region transcript 15 pseudogene 2	-8.116303 down	-5.4234653 down
CXorf38	AL832829	chromosome X open reading frame 38	-6.3632436 down	-2.774094 down
TSPAN8	NM_004616	tetraspanin 8	-3.9676056 down	-2.351582 down
LOC100289650	NR_036584	uncharacterized LOC100289650	-5.4919457 down	-5.134286 down
HULC	NR_004855	hepatocellular carcinoma up-regulated long non-coding RNA	-3.245721 down	-2.8277068 down
CP	NM_000096	ceruloplasmin (ferroxidase)	-3.8290896 down	-2.0804539 down
TTC28-AS1	NR_026963	TTC28 antisense RNA 1	-4.7788754 down	-5.1564555 down
			-4.681456 down	-3.246623 down
MYO5B	NM_001080467	myosin VB	-2.1622176 down	-2.735534 down
			-6.7268376 down	-4.5198603 down
GORAB	NM_001146039	golgin, RAB6-interacting	-4.460955 down	-2.1386724 down
CHIAP2		chitinase, acidic pseudogene 2	-2.6081417 down	-2.6871252 down
LOC100129223	XR_111243	uncharacterized LOC100129223	-4.7283764 down	-3.0323548 down
	BC064144		-3.631553 down	-2.941225 down
TRIM51	NM_032681	tripartite motif-containing 51	-6.7421284 down	-3.7017303 down
PRSS54	NM_001080492	protease, serine, 54	-2.3186297 down	-2.1586802 down
			-3.4967318 down	-3.143149 down
TMEM44	NM_001011655	transmembrane protein 44	-4.202736 down	-2.4158256 down
			-2.485159 down	-2.0613482 down
			-8.800126 down	-8.081863 down
SGK494	NM_001174103	uncharacterized serine/threonine-protein kinase SgK494	-3.9401453 down	-4.712771 down
UGT1A6	NM_001072	UDP glucuronosyltransferase 1 family, polypeptide A6	-3.616997 down	-2.7758641 down
LOC100130453	AK123920	uncharacterized LOC100130453	-2.8773363 down	-3.266371 down
RUFY4	NM_198483	RUN and FYVE domain containing 4	-3.350211 down	-4.517506 down
ARHGAP35	NM_004491	Rho GTPase activating protein 35	-2.086419 down	-2.017066 down
DEFT1P	NR_036686	defensin, theta 1 pseudogene	-5.412975 down	-2.2326682 down
TCGF1	NM_173209	TGFB-induced factor homeobox 1	-4.559707 down	-6.2166343 down
GADC144A	NM_014695	coiled-coil domain containing 144A	-3.904522 down	-2.1359017 down
FLJ37786		uncharacterized LOC642691	-2.5663917 down	-2.85832 down
FTCD	NM_206965	formimidoyltransferase cyclodeaminase	-4.1456485 down	-2.718331 down
ADAT2	NM_001286259	adenosine deaminase, tRNA-specific 2	-2.19801 down	-2.2314584 down
TMEM25	NM_032780	transmembrane protein 25	-2.3513644 down	-2.5767536 down
			-4.0503774 down	-4.5056696 down
			-3.075554 down	-2.5572865 down
GSTM5	NM_000851	glutathione S-transferase mu 5	-2.0333214 down	-2.880986 down
	XR_110857		-6.3977985 down	-4.881606 down
CCDC11	NM_145020	coiled-coil domain containing 11	-3.2385538 down	-2.6664994 down
SPACA5	NM_205856	sperm acrosome associated 5	-2.7097774 down	-3.5503838 down
PTPRG	NM_002841	protein tyrosine phosphatase, receptor type, G	-2.5296814 down	-2.7297883 down
LOC100131894	AK092825	uncharacterized LOC100131894	-3.493357 down	-3.298152 down
HTR4	NM_001040173	5-hydroxytryptamine (serotonin) receptor 4, G protein-coupled	-4.4692106 down	-2.7669418 down
			-3.1720343 down	-2.4836795 down
ZNF763	NM_001012753	zinc finger protein 763	-2.7272363 down	-2.4495506 down
			-2.4312892 down	-2.4366586 down
LINC00222	NR_033376	long intergenic non-protein coding RNA 222	-3.6635182 down	-2.7653391 down
HIBCH	NM_198047	3-hydroxyisobutyryl-CoA hydrolase	-3.251146 down	-2.5109205 down
TMEM262	AK124141	transmembrane protein 262	-2.954637 down	-2.9576893 down
KIAA1244	NM_020340	KIAA1244	-4.133689 down	-2.0615048 down
LINC00263		long intergenic non-protein coding RNA 263	-2.277511 down	-2.3385224 down
			-2.7621043 down	-2.3800116 down
LOC101928356	XM_005260632	uncharacterized LOC101928356	-2.8883715 down	-2.077758 down
ACTA2-AS1	XR_110433	ACTA2 antisense RNA 1	-4.297376 down	-3.4432583 down
ADAM21	NM_003813	ADAM metallopeptidase domain 21	-2.22801 down	-2.1352837 down
SHISA9	NM_001145205	shisa family member 9	-3.1103396 down	-2.3256302 down
NR1D2	XM_005265639	nuclear receptor subfamily 1, group D, member 2	-4.5979977 down	-2.9418225 down
ZNF551	AK126625	zinc finger protein 551	-3.694569 down	-4.3313055 down
CHRNA5	NM_000745	cholinergic receptor, nicotinic, alpha 5 (neuronal)	-3.5252004 down	-3.8311088 down

GOLGA6A	NM_001038640	golgin A6 family, member A	-5.2765617 down	-4.515959 down
KRTAP4-1	NM_033060	keratin associated protein 4-1	-5.6619554 down	-7.800764 down
SLFN5	NM_144975	schlafen family member 5	-2.9985046 down	-2.7624593 down
XLOC_014512			-2.7244267 down	-2.930762 down
NKAIN4	NM_152864	Na+/K+ transporting ATPase interacting 4	-2.932312 down	-2.099535 down
SLC3A1	DQ023513	solute carrier family 3 (amino acid transporter heavy chain), member 1	-3.5304673 down	-2.5089746 down
PRRC2B	NM_013318	proline-rich coiled-coil 2B	-2.2755969 down	-3.4010828 down
LOC646719		uncharacterized LOC646719	-2.586085 down	-2.1726642 down
CCDC104	XM_005264120	coiled-coil domain containing 104	-4.388496 down	-4.960236 down
NUPL2		nucleoporin like 2	-4.1397505 down	-2.258889 down
IFNW1	NM_002177	interferon, omega 1	-3.816654 down	-2.479682 down
DEDD	XM_005245598	death effector domain containing	-3.7361922 down	-3.5773826 down
ZNF662	NM_207404	zinc finger protein 662	-2.2450626 down	-3.2179415 down
C1orf227	NM_001024601	chromosome 1 open reading frame 227	-3.972156 down	-2.218295 down
C21orf88	NR_026542	chromosome 21 open reading frame 88	-2.5638278 down	-2.2156951 down
			-2.8380506 down	-2.4456036 down
RPRML	NM_203400	reprimo-like	-3.238193 down	-2.5461533 down
PLA2G4F	NM_213600	phospholipase A2, group IVF	-2.3714466 down	-3.569584 down
TAS2R41	NM_176883	taste receptor, type 2, member 41	-2.146868 down	-2.5078769 down
CACNA2D1	NM_000722	calcium channel, voltage-dependent, alpha 2/delta subunit 1	-2.2712677 down	-2.2805147 down
H2AFB2	NM_001017991	H2A histone family, member B2	-2.6558301 down	-3.7219415 down
MC3R	NM_019888	melanocortin 3 receptor	-2.5054488 down	-2.5158591 down
CSPG4P8	NR_033579	chondroitin sulfate proteoglycan 4 pseudogene 8	-2.6950886 down	-2.8473406 down
LBP	NM_004139	lipopolysaccharide binding protein	-2.8356764 down	-2.1001062 down
CYP1A2	NM_000761	cytochrome P450, family 1, subfamily A, polypeptide 2	-3.0114543 down	-2.5994556 down
LOC286272	AK093004	uncharacterized LOC286272	-2.0728724 down	-2.0242498 down
			-2.900329 down	-3.5111523 down
SPRED3	NR_073032	sprouty-related, EVH1 domain containing 3	-5.852899 down	-3.9820526 down
	BC130558		-2.3949933 down	-2.5987318 down
TARM1	NM_001135686	T cell-interacting, activating receptor on myeloid cells 1	-3.3468943 down	-2.3951137 down
RAI1	AJ271790	retinoic acid induced 1	-2.5672915 down	-2.4362583 down
VCX2	NM_016378	variable charge, X-linked 2	-7.5590267 down	-4.6333914 down
			-4.5514884 down	-3.5649886 down
FLG	NM_002016	filaggrin	-2.2354674 down	-3.173141 down
SLC17A6	NM_020346	solute carrier family 17 (vesicular glutamate transporter), member 6	-4.472577 down	-6.0544634 down
LACRT	NM_033277	lacritin	-3.4390855 down	-2.9059248 down
LOC100126784	NR_015384	uncharacterized LOC100126784	-2.4430256 down	-3.4552524 down
TRIP13	NM_001166260	thyroid hormone receptor interactor 13	-2.0666785 down	-2.2269318 down
LOC100127909	AK130422	uncharacterized LOC100127909	-3.7166522 down	-3.1288 down
DUSP8	NM_004420	dual specificity phosphatase 8	-4.888023 down	-2.5769916 down
LOC400548		uncharacterized LOC400548	-2.3815918 down	-2.40036 down
			-2.557638 down	-4.2483263 down
CSNK1A1P1	NR_027320	casein kinase 1, alpha 1 pseudogene 1	-2.293013 down	-2.1933153 down
OR2L8	NM_001001963	olfactory receptor, family 2, subfamily L, member 8	-2.740557 down	-2.1067717 down
KRTAP1-5	NM_031957	keratin associated protein 1-5	-2.711638 down	-2.1074543 down
TMEM132A	NM_017870	transmembrane protein 132A	-2.877574 down	-2.3369367 down
LOC100131860	AK097109	uncharacterized LOC100131860	-3.108029 down	-2.086315 down
SPRR2F	NM_001014450	small proline-rich protein 2F	-2.3785138 down	-2.3916743 down
SLC3A1	NM_000341	solute carrier family 3 (amino acid transporter heavy chain), member 1	-13.755996 down	-9.613231 down
BEST3	NM_001282614	bestrophin 3	-2.1513548 down	-3.3493996 down
TMEM35	NM_021637	transmembrane protein 35	-8.613536 down	-4.691395 down
OPN1MW	NM_000513	opsin 1 (cone pigments), medium-wave-sensitive	-4.2184377 down	-3.7852883 down
KLK2	NM_001002231	kallikrein-related peptidase 2	-3.3831027 down	-3.8603814 down
NCKAP5L	BC110599	NCK-associated protein 5-like	-3.9752944 down	-3.3476906 down
CAV1	NM_001753	caveolin 1, caveolae protein, 22kDa	-3.3506534 down	-2.6581335 down
LOC285095	XM_005275940	uncharacterized LOC285095	-3.403231 down	-2.771608 down
IQCH	NM_001031715	IQ motif containing H	-3.459624 down	-2.1537576 down
FMO2	NM_001460	flavin containing monooxygenase 2 (non-functional)	-3.2999504 down	-2.3110301 down
CRYGN	NM_144727	crystallin, gamma N	-2.5662577 down	-2.383322 down
TBX2	NM_005994	T-box 2	-5.112472 down	-2.4387703 down

ALDOAP2	M21191	aldolase A, fructose-bisphosphate pseudogene 2	-3.914163 down	-2.0807843 down
			-2.0556438 down	-2.3149915 down
NRAP	NM_198060	nebulin-related anchoring protein	-4.2681665 down	-2.4597619 down
C6orf132	NM_001164446	chromosome 6 open reading frame 132	-7.083013 down	-9.727346 down
DNAH12	NM_178504	dynein, axonemal, heavy chain 12	-2.7406645 down	-2.3318284 down
ABCG8	NM_022437	ATP-binding cassette, sub-family G (WHITE), member	-8.683227 down	-4.009081 down
	XR_245014		-3.322607 down	-3.3536286 down
ANKRD20A9P	NR_027995	ankyrin repeat domain 20 family, member A9, pseudogene	-4.0775495 down	-2.7862835 down
MRO	NM_031939	maestro	-3.7212763 down	-2.1969876 down
RHBDD1	XM_005246899	rhomboid domain containing 1	-4.405751 down	-4.3730392 down
			-7.0380025 down	-10.683768 down
FAM25A	NM_001146157	family with sequence similarity 25, member A	-4.29874 down	-5.3189464 down
DPYSL5	NM_020134	dihydropyrimidinase-like 5	-6.0256314 down	-3.9440286 down
LOC100509091	XM_003403877	extracellular matrix protein 2-like	-4.0398355 down	-2.1500516 down
SPACA5	NM_205856	sperm acrosome associated 5	-3.7635021 down	-2.5995908 down
LOC644285	AK126853	uncharacterized LOC644285	-2.5874307 down	-2.3458006 down
LDHAL6A	NM_144972	lactate dehydrogenase A-like 6A	-3.1628232 down	-2.3466198 down
LOC100131000	AK124361	uncharacterized LOC100131000	-2.672186 down	-3.218077 down
DHH	NM_021044	desert hedgehog	-4.5250783 down	-2.851316 down
FLJ12825	NR_026655	uncharacterized LOC440101	-2.9325914 down	-2.1450946 down
ZAR1	NM_175619	zygote arrest 1	-2.529602 down	-4.3487625 down
Unknown			-2.681653 down	-2.0454698 down
KRT6B	NM_005555	keratin 6B	-2.886168 down	-2.2352533 down
PRSS55	NM_198464	protease, serine, 55	-2.013933 down	-3.3137004 down
SEC14L6		SEC14-like 6 (S. cerevisiae)	-6.6565104 down	-3.011952 down
LOC728061	AK025151	hCG2003663	-2.101864 down	-2.5644073 down
FAM198A	AK091001	family with sequence similarity 198, member A	-4.235054 down	-3.992717 down
LOC100130849		phosphorylase kinase, gamma 1 (muscle) pseudogene	-3.8368144 down	-3.8647861 down
Unknown			-4.50916 down	-4.554587 down
	AK096324		-3.5536737 down	-2.1652827 down
OR14A16	NM_001001966	olfactory receptor, family 14, subfamily A, member 16	-4.8684325 down	-2.6017656 down
Unknown			-2.7589223 down	-2.4328039 down
FLJ46906	NR_033896	uncharacterized LOC441172	-2.6454606 down	-2.533102 down
C20orf78	CR738909	chromosome 20 open reading frame 78	-2.5147624 down	-2.1220982 down
	DB066855		-5.3450966 down	-5.1644583 down
INMT	NM_001199219	indolethylamine N-methyltransferase	-2.7871006 down	-2.257948 down
PKDCC	AK311155	protein kinase domain containing, cytoplasmic	-8.488906 down	-2.9054477 down
TAS2R19	NM_176888	taste receptor, type 2, member 19	-4.191179 down	-2.273835 down
Unknown			-2.8093636 down	-3.831292 down
ZNF81	NM_007137	zinc finger protein 81	-5.50009 down	-3.3331683 down
Unknown			-2.9515224 down	-2.6774642 down
XLOC_004729			-4.5539103 down	-5.732493 down
	XR_252542		-3.7279403 down	-4.7672544 down
Unknown			-2.1732457 down	-2.010095 down
RAB43	BM917410	RAB43, member RAS oncogene family	-4.005407 down	-4.0891805 down
Unknown			-3.6262307 down	-9.106207 down
ABI3BP	NM_015429	ABI family, member 3 (NESH) binding protein	-4.010035 down	-2.7335498 down
	AK127417		-2.2932725 down	-2.0540762 down
Unknown			-2.2990296 down	-2.3209527 down
LINC00917		long intergenic non-protein coding RNA 917	-3.3895245 down	-3.1207476 down
FLJ11710	AK021772	uncharacterized protein FLJ11710	-4.07118 down	-3.912566 down
LOC100129098	XM_001714893	WAS/WASL-interacting protein family member 1-like	-4.818137 down	-2.7728262 down
CPXM2	NM_198148	carboxypeptidase X (M14 family), member 2	-2.9014094 down	-3.7511039 down
CCDC103	NM_001258397	coiled-coil domain containing 103	-2.0293207 down	-2.7786374 down
INO80	NM_017553	INO80 complex subunit	-2.0089707 down	-2.2209868 down
AQP7P3		aquaporin 7 pseudogene 3	-2.9169405 down	-2.6258645 down
PRRT2	NM_145239	proline-rich transmembrane protein 2	-2.8965902 down	-2.5783308 down
LCNL1	NM_207510	lipocalin-like 1	-2.3413348 down	-3.0202014 down
PRAMEF7	NM_001012277	PRAME family member 7	-4.934108 down	-2.3781807 down
CNTNAP4	NM_138994	contactin associated protein-like 4	-5.6010222 down	-2.8021007 down
OR5T3	NM_001004747	olfactory receptor, family 5, subfamily T, member 3	-4.4067535 down	-2.5306466 down
Unknown			-2.2567105 down	-2.3137233 down

OR2H2	NM_007160	olfactory receptor, family 2, subfamily H, member 2	-2.355751 down	-3.0151265 down
SOD3	NM_003102	superoxide dismutase 3, extracellular	-4.3885098 down	-2.8318462 down
MFS6L	NM_152599	major facilitator superfamily domain containing 6-like	-7.2669406 down	-3.7301908 down
	XR_242003		-2.6000671 down	-2.7394753 down
	AK090928		-2.3281045 down	-2.9178474 down
	XR_111551		-6.3857136 down	-6.3807073 down
Unknown			-2.4589067 down	-2.7157795 down
SLC5A4	NM_014227	solute carrier family 5 (glucose activated ion channel), member 4	-3.3165627 down	-2.34644 down
	XR_247160		-3.223451 down	-2.5894132 down
CREB3L4	NM_130898	cAMP responsive element binding protein 3-like 4	-3.1609852 down	-2.0981402 down
PTPRG	NM_002841	protein tyrosine phosphatase, receptor type, G	-2.362611 down	-2.2563598 down
	XM_005276096		-2.4808502 down	-3.227337 down
TEX19	NM_207459	testis expressed 19	-4.444819 down	-2.0959647 down
SOX13	BC040649	SRY (sex determining region Y)-box 13	-2.7995327 down	-2.0764039 down
SPC24	NM_182513	SPC24, NDC80 kinetochore complex component	-3.5928822 down	-2.0852225 down
LINC00114	AY204748	long intergenic non-protein coding RNA 114	-5.0722156 down	-2.791678 down
RARB	BC069735	retinoic acid receptor, beta	-5.4694147 down	-3.9027586 down
PSG5	BG354573	pregnancy specific beta-1-glycoprotein 5	-5.4630227 down	-3.4516673 down
Unknown			-5.184938 down	-2.7488794 down
FAM86B3P		family with sequence similarity 86, member A pseudogene	-2.1150413 down	-3.0564413 down
Unknown			-11.828863 down	-6.469771 down
Unknown			-4.2464 down	-5.801462 down
TMCO4	NM_181719	transmembrane and coiled-coil domains 4	-2.593795 down	-2.375089 down
LOC100129917	NR_036511	uncharacterized LOC100129917	-5.6742225 down	-2.1845236 down
IL20RA	AK098312	interleukin 20 receptor, alpha	-2.7197917 down	-2.0692644 down
S100A5	NM_002962	S100 calcium binding protein A5	-4.0946097 down	-3.9728982 down
GLIS3	DQ438879	GLIS family zinc finger 3	-4.8215327 down	-3.84525 down
LOC100131581	AK092544	uncharacterized LOC100131581	-4.264229 down	-6.2694902 down
NEK2	NM_002497	NIMA-related kinase 2	-5.203363 down	-2.6656015 down
GPM6B	NM_001001996	glycoprotein M6B	-2.152969 down	-3.0386808 down
	AF289562		-2.324719 down	-2.5417893 down
ZNF316		zinc finger protein 316	-2.2313414 down	-2.1793094 down
Unknown			-3.3035352 down	-2.4414911 down
PTGER3	NM_198715	prostaglandin E receptor 3 (subtype EP3)	-2.3494437 down	-2.3230703 down
	XR_112958		-7.2895436 down	-3.5592332 down
Unknown			-10.18425 down	-4.4264274 down
CPNE9	NM_153635	copine family member IX	-3.292837 down	-2.8515382 down
DCLK1	NM_004734	doublecortin-like kinase 1	-4.5513983 down	-4.0360823 down
WFIKKN2	NM_175575	WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain containing 2	-6.0906954 down	-2.9805276 down
MUC3	AF007191	intestinal mucin-like	-2.6964486 down	-2.2538464 down
DNM3	NM_001278252	dynamins 3	-3.4509933 down	-2.1572034 down
WNK4	NM_032387	WNK lysine deficient protein kinase 4	-2.8895853 down	-2.4359827 down
FAM189A2	NM_004816	family with sequence similarity 189, member A2	-2.698642 down	-2.1782188 down
KRBOX1	NM_001205272	KRAB box domain containing 1	-2.6187804 down	-2.0611854 down
	08-sep NM_001098811	septin 8	-2.5213604 down	-2.7487297 down
Unknown			-3.9527194 down	-3.4421222 down
LOC285740	NR_027114	uncharacterized LOC285740	-7.3191624 down	-3.6962438 down
BMP3	NM_001201	bone morphogenetic protein 3	-4.0776105 down	-4.1398873 down
SZT2	BC051343	seizure threshold 2 homolog (mouse)	-3.7157001 down	-2.9513226 down
	AK125954		-2.4387221 down	-3.079703 down
FAM138E	NR_026819	family with sequence similarity 138, member E	-2.3055542 down	-2.0997684 down
L3MBTL4	NM_173464	l(3)mbt-like 4 (Drosophila)	-3.7521877 down	-2.481974 down
Unknown			-4.3694143 down	-3.3554232 down
TBCB		tubulin folding cofactor B	-2.3452904 down	-2.6268542 down
MAGEC3	NM_138702	melanoma antigen family C, 3	-5.0959487 down	-3.0491858 down
FRAS1	AK092082	Fraser syndrome 1	-3.6836667 down	-2.0997248 down
FBXO27	NM_178820	F-box protein 27	-3.9830894 down	-3.283798 down
GPR101	NM_054021	G protein-coupled receptor 101	-3.0422552 down	-2.0174198 down
LOC100131581	AK092544	uncharacterized LOC100131581	-3.0183983 down	-4.8780975 down